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SAN FRANCISCO BAYKEEPER

UNITED STATES DISTRICT COURT

NORTHERN DISTRICT OF CALIFORNIA

SAN JOSE DIVISION

SAN FRANCISCO BAYKEEPER, a California non-profit corporation,

Plaintiff,

v.

CITY OF SAN JOSE, a municipality; SAN JOSE DEPARTMENT OF TRANSPORTATION, a municipal department; SAN JOSE PUBLIC WORKS DEPARTMENT, a municipal department; and SAN JOSE ENVIRONMENTAL SERVICES DEPARTMENT, a municipal department,

Defendants.

Civil Case No.:

COMPLAINT FOR DECLARATORY AND INJUNCTIVE RELIEF AND CIVIL PENALTIES

(Federal Water Pollution Control Act, 33 U.S.C. § 1251 *et seq.*)

San Francisco Baykeeper ("Baykeeper" or "Plaintiff"), by and through its counsel, hereby alleges:

I. INTRODUCTION

1. This is a civil action brought under the citizen suit enforcement provisions of the Federal Water Pollution Control Act, 33 U.S.C. § 1251 *et seq.* ("Clean Water Act" or "CWA"), to address the unlawful discharge of trash and bacteria pollution by the Defendant City of San Jose and its Departments of Transportation, Public Works, and Environmental Services (collectively, "San Jose" or "the City") from the City's municipal separate storm sewer system ("MS4"). San Jose's repeated and ongoing violations of the procedural and substantive requirements of *Municipal Regional Stormwater NPDES Permit*, NPDES Permit No. CAS612008, Order No. R2-2009-0074, California Regional Water Quality Control Board, San Francisco Bay Region ("MS4 Permit" or "Permit"), have adversely affected the water quality and beneficial uses of local waterways, including Coyote Creek, the Guadalupe River, and South San Francisco Bay. Baykeeper seeks a declaratory judgment, injunctive relief, the imposition of civil penalties, and an award of costs, including attorney and expert witness fees, for these violations.

II. JURISDICTION AND VENUE

2. This Court has subject matter jurisdiction over the parties and this action pursuant to 33 U.S.C. § 1365(a)(1) (the Clean Water Act citizen suit provision), 28 U.S.C. § 1331 (an action arising under the laws of the United States), and 28 U.S.C. § 2201 (declaratory relief).

3. On November 24, 2014, Baykeeper provided notice of intent to file suit against San Jose for its violations of the Clean Water Act ("Notice Letter") pursuant to 33 U.S.C. § 1365(b).

4. As required by 40 C.F.R. § 135.2(a)(2), Baykeeper sent the Notice Letter to the owners and operators of the City of San Jose municipal separate storm sewer system ("San Jose MS4") and the owners and operators of the City of San Jose sewage collection system ("Collection System"); specifically, the San Jose City Manager, the Director of the Department of Transportation, the Director of the Public Works Department, and the Director of the Environmental Services Department. Baykeeper also sent the Notice Letter to the Administrator of the United States Environmental Protection Agency ("EPA"), the Administrator of EPA Region IX, the Executive Director of the State Water Resources Control Board ("State Board"), and the Executive Officer of the Regional Water

Quality Control Board, San Francisco Bay Region ("Regional Board") (collectively, "State and Federal agencies"), as required by section 505(b)(1)(A) of the CWA, 33 U.S.C. § 1365(b)(1)(A). The Notice Letter is attached as Appendix A and is incorporated herein by reference.

5. More than sixty (60) days have passed since Baykeeper served the Notice Letter on San Jose and the State and Federal agencies.

6. Baykeeper is informed and believes, and thereon alleges, that neither EPA nor the State of California has commenced or is diligently prosecuting an action to redress the violations alleged in the Notice Letter and in this Complaint. *See* 33 U.S.C. § 1365(b)(1)(B). This action is not barred by any prior administrative penalty under section 309(g) of the CWA, 33 U.S.C. § 1319(g).

7. Venue is proper in the Northern District of California pursuant to section 505(c)(1) of the CWA, 33 U.S.C. § 1365(c)(1), because the source of the violations is located within this judicial district.

III. INTRADISTRICT ASSIGNMENT

8. Pursuant to L.R. 3-2(c) and (e), intradistrict assignment of this matter to the San Jose Division of the Court is appropriate because the events or omissions which give rise to Plaintiff's claims occurred in Santa Clara County. No event or omission giving rise to Baykeeper's claims occurred within the jurisdiction of any other Division of this Court.

IV. PARTIES

A. San Francisco Baykeeper

9. Baykeeper is a non-profit public benefit corporation formed in the State of California. Baykeeper's purpose is to preserve, protect, and defend the environment, wildlife, and natural resources of San Francisco Bay, its tributaries, and other waters in the Bay Area. Baykeeper furthers its goals through education, advocacy, restoration, and legal actions to enforce environmental laws on behalf of itself and its members.

10. Baykeeper's office is located at 1736 Franklin Street, Suite 800, Oakland, California 94612.

11. Baykeeper has over three thousand members who use and enjoy San Francisco Bay, its tributaries, and other waters for various recreational, educational, scientific, conservation, aesthetic, spiritual, and other purposes.

12. Baykeeper's members live, work, travel near, and recreate in or near the Bay shoreline and waters into which San Jose discharges pollutants, including, but not limited to, South San Francisco Bay, Coyote Creek and its tributaries, the Guadalupe River and its tributaries, and other waters that drain to South San Francisco Bay (collectively, the "Receiving Waters").

13. Baykeeper's members use and enjoy the Receiving Waters and the areas adjacent to those waters to sail, swim, windsurf, picnic, fish, and hike; to conduct scientific study and research; for aesthetic enjoyment; and to observe wildlife.

14. San Jose's failure to comply with the procedural and substantive requirements of the MS4 Permit and/or the Clean Water Act, including but not limited to San Jose's discharge of polluted stormwater and non-stormwater from the San Jose MS4, negatively impacts and impairs Baykeeper's members' use and enjoyment of the Receiving Waters and the adjacent areas.

15. The interests of Baykeeper's members have been, are being, and will continue to be adversely affected by San Jose's failure to comply with the Clean Water Act and the MS4 Permit. The relief sought herein will redress the harms to Plaintiff and its members caused by San Jose's activities.

16. Continuing commission of the acts and omissions alleged herein will irreparably harm Baykeeper's members, for which harm they have no plain, speedy, or adequate remedy at law.

B. The City of San Jose

17. Baykeeper is informed and believes, and thereon alleges, that the City of San Jose is a municipality formed under the laws of the State of California.

18. Baykeeper is informed and believes, and thereon alleges, that the City of San Jose maintains offices at 200 E. Santa Clara Street, San Jose, California 95113.

19. Baykeeper is informed and believes, and thereon alleges, that the City of San Jose and/or its Departments of Transportation, Public Works, and Environmental Services are the owners of the San Jose MS4.

20. Baykeeper is informed and believes, and thereon alleges, that the City of San Jose and/or its Departments of Transportation, Public Works, and Environmental Services are the operators of the San Jose MS4.

21. Baykeeper is informed and believes, and thereon alleges, that the City of San Jose and/or

its Departments of Transportation, Public Works, and Environmental Services are the owners of the San Jose Collection System.

22. Baykeeper is informed and believes, and thereon alleges, that the City of San Jose and/or its Departments of Transportation, Public Works, and Environmental Services are the operators of the San Jose Collection System.

V. LEGAL BACKGROUND

A. The Clean Water Act

23. Section 301(a) of the Clean Water Act, 33 U.S.C. § 1311(a), prohibits the discharge of any pollutant into waters of the United States unless the discharge complies with various enumerated sections of the CWA. Specifically, section 301(a) prohibits discharges not authorized by, or in violation of, the terms of a National Pollutant Discharge Elimination System ("NPDES") permit issued pursuant to section 402 of the CWA, 33 U.S.C. § 1342.

24. The "discharge of a pollutant" means, among other things, the addition of a pollutant to "waters of the United States" from any "point source." 33 U.S.C. § 1362(12); 40 C.F.R. § 122.2.

25. The term "pollutant" includes "dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharged into water." 33 U.S.C. § 1362(6); 40 C.F.R. § 122.2.

26. "Waters of the United States" are defined as "navigable waters" and "all waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including waters which are subject to the ebb and flow of the tide." 33 U.S.C. § 1362(7); 40 C.F.R. § 122.2.

27. The term "point source" means any "discernible, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, from which pollutants are or may be discharged." 33 U.S.C. § 1362(14); 40 C.F.R. § 122.2.

28. An MS4 is defined as "a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm

drains)" owned or operated by a State, city, or town that is "designed or used for collecting or conveying storm water" and "that discharges to waters of the United States." 40 C.F.R. § 122.26(b)(8); *see also id.* § 122.26(b)(18).

29. Section 402(b) of the CWA, 33 U.S.C. § 1342(b), allows each state to administer its own EPA-approved NPDES permit program for regulating the discharge of pollutants, including discharges of polluted stormwater.

30. In California, the State Board and its nine regional water quality control boards have approval from EPA to administer its NPDES permit program for the State. Under this authority, the State Board and regional water quality control boards issue NPDES permits in the State to regulate water pollutant discharges.

31. Section 402(p) of the CWA, 33 U.S.C. § 1342(p), requires an NPDES permit for stormwater discharges from an MS4 to waters of the United States.

32. Section 402(p)(3)(B) requires NPDES permits for discharges from MS4s to effectively prohibit non-stormwater discharges into storm sewers and to include "controls that reduce the discharge of pollutants [to receiving waters] to the maximum extent practicable…and such other provisions as the Administrator or the State determines appropriate for the control of such pollutants." 33 U.S.C. § 1342(p)(3)(B).

33. The MS4 Permit is an NPDES permit issued by the Regional Board pursuant to section 402(p) of the CWA, 33 U.S.C. § 1342(p).

34. Violations of the MS4 Permit are also violations of the CWA. MS4 Permit, Attachment K, Paragraph C.2.; *see also* MS4 Permit, Section C.18. (stating that permittees must comply with the standard provisions in Attachment K).

35. Section 505(a)(1) of the CWA, 33 U.S.C. § 1365(a)(1), provides for citizen enforcement actions against any "person" for violations of NPDES permit requirements and for unpermitted discharges of pollutants. *See* 33 U.S.C. §§ 1365(a)(i), 1365(f).

36. The City of San Jose is a "person" within the meaning of section 502(5) of the CWA, 33 U.S.C. § 1362(5).

37. An action for injunctive relief is authorized under section 505(a) of the CWA, 33 U.S.C.

§ 1365(a).

38. Each separate violation of the Clean Water Act subjects the violator to a penalty of up to $37,500 per day for violations occurring after January 12, 2009. 33 U.S.C. § 1319(d); Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. §§ 19.1-19.4.

39. Section 505(d) of the CWA, 33 U.S.C. § 1365(d), permits prevailing or substantially prevailing parties to recover litigation costs, including attorneys' fees, experts' fees, and consultants' fees.

B. The MS4 Permit's Discharge Prohibitions and Receiving Water Limitations

40. The MS4 Permit regulates discharges to and from municipal storm sewers systems throughout the San Francisco Bay Area, including the San Jose MS4.

41. San Jose is subject to the terms and conditions of the MS4 Permit.

42. The MS4 Permit allows San Jose to discharge stormwater runoff from storm drains and other stormwater conveyances within their jurisdictions, if the discharges comply with the discharge prohibitions, receiving water limitations, and other requirements of the MS4 Permit.

43. Discharge Prohibition A.1. of the MS4 Permit requires that San Jose effectively prohibit discharges of non-stormwater into the San Jose MS4 and into watercourses.

44. Discharge Prohibition A.2. of the MS4 Permit prohibits San Jose from discharging "rubbish, refuse, bark, sawdust, or other solid wastes into surface waters or at any place where they would contact or where they would be eventually transported to surface waters, including flood plain areas."

45. Receiving Water Limitation B.1. of the MS4 Permit prohibits certain discharges that create a condition of nuisance or adversely affect beneficial uses of State waters.

46. Receiving Water Limitation B.2. of the MS4 Permit prohibits discharges that cause or contribute to a violation of any applicable water quality standard for receiving waters.

47. Beneficial uses of waterways are the resources, services, and qualities of these aquatic systems that are the ultimate goals of protecting and achieving high water quality. Regional Board's San Francisco Bay Basin (Region 2) Water Quality Control Plan ("Basin Plan"), p. 2-1.

48. Water quality standards ("WQS") include pollutant concentration levels determined by

the State Board, the various regional water quality control boards, and the EPA to be protective of the beneficial uses of the waters that receive polluted discharges.

49. The WQS applicable to San Jose include, but are not limited to, those set out in (1) the Regional Board's Basin Plan; (2) the State Board's Water Quality Control Plan for Enclosed Bays and Estuaries ("Estuary Plan"); and (3) EPA's Criteria for Priority Toxic Pollutants for the State of California ("California Toxics Rule"), 40 C.F.R. § 131.38.

50. Discharges above applicable WQS contribute to the impairment of the Receiving Waters' beneficial uses.

C. The MS4 Permit's Trash Load Reduction Requirements

51. As the MS4 Permit states, "[c]ontrolling trash is one of the priorities for this Permit reissuance not only because of the trash discharge prohibition, but also because trash and litter cause particularly major impacts on our enjoyment of creeks and the Bay. There are also significant impacts on aquatic life and habitat in those waters and eventually to the global ocean ecosystem." MS4 Permit, Fact Sheet, Page App I-71.

52. The MS4 Permit requires San Jose to "demonstrate compliance with Discharge Prohibition A.2 and trash-related Receiving Water Limitations through the timely implementation of control measures and other actions to reduce trash loads from municipal separate storm sewer systems (MS4s) by 40% by July 1, 2014, 70% by July 1, 2017, and 100% by July 1, 2022 as further specified below." MS4 Permit, Section C.10. ("Trash Load Reduction Provisions").

53. The Trash Load Reduction Provisions also include specific reporting requirements and deadlines to achieve these trash load reductions. *See* MS4 Permit, Section C.10.

54. The MS4 Permit required San Jose to submit a Short-Term Trash Load Reduction Plan to the Regional Board by February 1, 2012 ("Short-Term Plan"). MS4 Permit, Section C.10.a.i. The Short-Term Plan must describe control measures and best management practices that are "designed to attain a 40% trash load reduction from [the San Jose] MS4 by July 1, 2014." MS4 Permit, Section C.10.a.i.

55. The MS4 Permit required San Jose to determine and submit to the Regional Board the baseline trash load from the San Jose MS4 by February 1, 2012. MS4 Permit, Section C.10.a.ii. This baseline trash load is intended to serve as the basis for San Jose's trash load reduction calculations.

56. The MS4 Permit further required San Jose to determine and submit a "trash load reduction tracking method" to the Regional Board by February 1, 2012. MS4 Permit, Section C.10.a.ii. The trash load reduction tracking method "will be used to account for trash load reduction actions and to demonstrate progress and attainment of trash load reduction levels." MS4 Permit, Section C.10.a.ii.

57. Each year, the MS4 Permit requires San Jose to use the trash load reduction tracking method to calculate the "percent annual trash load reduction relative to its Baseline Trash Load" and to report its findings to the Regional Board in its Annual Report due September 15 of each year. MS4 Permit, Sections C.10.d, C.16.a.

58. The MS4 Permit required San Jose to submit a Long-Term Trash Load Reduction Plan to the Regional Board by February 1, 2014. MS4 Permit, Section C.10.c. The Long-Term Trash Load Reduction Plan must describe control measures and best management practices that are "designed to attain a 70% trash load reduction from [the San Jose] MS4 by July 1, 2017, and 100% by July 1, 2022." MS4 Permit, Section C.10.c.

59. The MS4 Permit required San Jose to identify 32 high trash-impacted locations on State waters within City limits ("Hot Spots") and to submit the selected Hot Spots to the Regional Board by July 1, 2010. MS4 Permit, Section C.10.b.ii. The MS4 Permit required that San Jose submit an initial assessment and photo documentation of each Hot Spot, at least one photo per 50 feet. MS4 Permit, Section C.10.b.ii.

60. Each Hot Spot must be a minimum length of 100 yards along a creek or 200 yards along a shoreline. MS4 Permit, Section C.10.b.i.

61. The MS4 Permit requires San Jose to clean its designated Hot Spots annually to a level of "no visual impact." MS4 Permit, Section C.10.b.i.

62. The MS4 Permit requires San Jose to provide documentation of these clean-ups, including a quantification of the volume of material removed from each Hot Spot clean-up, identification of the dominant type of trash removed and their sources, and "the trash condition before and after clean-up of the entire hot spot using photo documentation with a minimum of one photo per 50 feet of hot spot length." MS4 Permit, Section C.10.b.iii.

VI. FACTUAL BACKGROUND

A. The San Jose MS4 and Discharges of Trash and Bacteria

63. The San Jose MS4 consists of the streets, curbs, gutters, drop inlets, underground pipes, concrete channels, and other structures that collect and convey stormwater and non-stormwater in and around the City of San Jose.

64. The San Jose MS4 includes approximately 1,000 miles of storm drain pipes.

65. The storm drain pipes and other conveyances in the San Jose MS4 connect directly to the Receiving Waters.

66. Discharges from the San Jose MS4 are not treated prior to entering the Receiving Waters.

67. San Jose is responsible for ensuring that discharges to and from the San Jose MS4 do not violate the MS4 Permit. While operating and maintaining the San Jose MS4, San Jose collects and conveys stormwater, prevents trash and other non-stormwater materials from entering the San Jose MS4, conducts routine maintenance, cleans and inspects the San Jose MS4, and responds to citizen complaints related to the storm drain system.

68. Each time it rains, trash and other pollutants littering the streets, sidewalks, parking lots, and other urban infrastructure in San Jose discharge directly to the Receiving Waters via the San Jose MS4. Non-stormwater flows also discharge from the San Jose MS4 to the Receiving Waters.

69. San Jose discharges trash from the MS4 every time precipitation causes runoff in the San Jose MS4.

70. San Jose discharges bacteria from the MS4 every time precipitation causes runoff in the San Jose MS4.

B. San Jose's Collection System and Discharges of Sewage

71. San Jose's Collection System is comprised of the San Jose/Santa Clara Water Pollution Control Plant ("Plant") and the City of San Jose's sanitary sewer collection system. Collected wastewater is conveyed to the Plant by major interceptor pipelines located in the northern part of San Jose. The wastewater conveyed to the Plant is then treated and subsequently discharged into Artesian Slough, a tributary to Coyote Creek and South San Francisco Bay. The Collection System is a point source under the Clean Water Act. *See* 33 U.S.C. § 1362(14).

72. The Collection System consists of approximately 2,100 miles of sewer pipes. The Collection System pipes range in size from 6 to 90 inches in diameter. The Collection System includes approximately 44,000 manholes. The Collection System includes 16 pump stations. At least 75 percent of the existing sanitary sewer mains in the Collection System are older than 20 years old. At least 30 percent of the existing sanitary sewer mains in the Collection System are older than 50 years old. Approximately 13 percent of the sanitary sewer segments in the Collection System do not have recorded ages.

73. Data contained in the City of San Jose's sanitary sewer database also indicates 91% of the system is comprised of vitrified clay pipes. Vitrified clay pipes are known to be susceptible to cracking and leakage.

74. San Jose is responsible for operating and maintaining the Collection System. To operate the Collection System, San Jose undertakes tasks such as, but not limited to, collecting and conveying sewage through the Collection System, conducting routine maintenance, cleaning and inspecting the Collection System, designing and implementing necessary capital improvements, and responding to sanitary sewer overflows ("SSOs").

75. Sewage discharges, or exfiltrates, from the Collection System underground via cracks, displaced joints, holes, and other leakage points in the Collection System. Sewage that exfiltrates from the Collection System in areas where the Collection System is in proximity to the MS4 has the potential to enter the MS4 via cracks, displaced joints, and other compromised portions of the MS4. Sewage that reaches the MS4 through exfiltration flows untreated to the Receiving Waters.

76. Information available to Baykeeper indicates there is a high risk of exfiltration from the Collection System to the San Jose MS4 wherever a compromised sewer pipe is located above and within five meters laterally of a compromised section of storm drain pipe.

77. Sewage discharges from the Collection System to the MS4 via SSOs. SSOs have many causes including, but not limited to, blockages in the pipes caused by roots, grease and foreign debris, as well as structural damage to pipes such as off-set joints and broken pipes. SSOs can also be caused by inadequate flow capacity. SSOs discharge from manholes, clean outs, or other surface structures of the Collection System or private laterals.

78. Sewage that reaches the MS4 as a result of SSOs flows untreated through the MS4 to Receiving Waters.

79. San Jose's ongoing and continuous SSOs result in ongoing and continuous discharge of sewage flowing untreated to the MS4 and Receiving Waters.

C. The Receiving Waters

80. The storm drain pipes and other conveyances in the San Jose MS4 discharge to Coyote Creek, the Guadalupe River, and other local waterbodies that are tributaries to these waters.

81. The Guadalupe River flows north through San Jose and then discharges into the San Francisco Bay at the Alviso Slough. The Guadalupe River drains an area of 171 square miles and is the predominant drainage in the western portions of San Jose.

82. The Guadalupe River is an important ecological resource in the Santa Clara Valley. The Guadalupe River provides habitat for anadromous fish such as steelhead, as well as resident fish and other aquatic species. The Guadalupe River also provides important habitat for numerous riparian species of plants and animals.

83. Coyote Creek flows from south of San Jose, along the eastern boundary of San Jose, through north San Jose and then discharges into South San Francisco Bay. Coyote Creek is the predominant drainage in the eastern portions of San Jose. Coyote Creek drains a nearly 320 square mile watershed that stretches from Henry Coe State Park to the San Francisco Bay, and is the predominant drainage in the eastern portions of San Jose.

84. Coyote Creek is an important ecological resource in the Santa Clara Valley. Historically, Coyote Creek supported numerous fish populations, including steelhead, Coho salmon, and Chinook salmon. Steelhead and Chinook salmon still use Coyote Creek for spawning and early development life stages. Coyote Creek is also important habitat for numerous aquatic and riparian plants and animals in the region.

85. San Francisco Bay ("Bay") is an ecologically-sensitive waterbody and a defining feature of Northern California. The Bay is an important and heavily-used resource, with special aesthetic and recreational significance for people living in the surrounding communities. The Bay shoreline has numerous highly-valued lagoons with beaches and public access that offer unique recreational

opportunities for swimmers, kayakers, and windsurfers. The large-scale urbanization of the Bay Area makes these recreational and aesthetic uses critically important to the quality of life of Bay Area residents.

86. San Francisco Bay's water quality is impaired and continues to decline. The Bay's once-abundant and varied fisheries have been drastically diminished by pollution, and much of the wildlife habitat of the Bay has been degraded.

87. The Basin Plan designates beneficial uses and water quality objectives for waters receiving discharges from the Collection System and the San Jose MS4.

88. The existing beneficial uses for Coyote Creek and the Guadalupe River include: Freshwater Replenishment (Guadalupe River only), Groundwater Recharge, Commercial and Sport Fishing (Coyote Creek only), Cold Freshwater Habitat, Fish Migration, Preservation of Rare and Endangered Species, Fish Spawning, Warm Freshwater Habitat, Wildlife Habitat, Water Contact Recreation, and Noncontact Water Recreation.

89. The existing beneficial uses for South San Francisco Bay include Industrial Service Supply, Commercial and Sport Fishing, Shellfish Harvesting, Estuarine Habitation, Fish Migration, Preservation of Rare and Endangered Species, Fish Spawning, Wildlife Habitat, Water Contact Recreation, Noncontact Water Recreation, and Navigation.

90. The Receiving Waters are also listed on the State of California's 2010 Clean Water Act Section 303(d) list of impaired waterbodies.

91. A waterbody that is listed as impaired does not support the designated beneficial uses for that waterbody.

92. Coyote Creek is listed as impaired for diazinon and trash.

93. Guadalupe River is listed as impaired for diazinon, mercury, and trash.

94. San Francisco Bay is listed as impaired for chlordane, dichlorodiphenyltrichloroethane, dieldrin, dioxin compounds, furan compounds, mercury, polychlorinated biphenyls, selenium, and trash.

D. Impacts to the Receiving Waters from San Jose's Clean Water Act Violations

95. In general, municipal stormwater is a significant source of trash to urban creeks and rivers. Several studies conclude that stormwater runoff is the dominant source of trash in urbanized

watersheds.

96. Trash imposes visual and public health impacts that reduce recreational opportunities while threatening ecological resources by smothering river bottoms, blocking migratory fish corridors, and resulting in the ingestion of trash debris by aquatic wildlife.

97. Similarly, high bacteria concentrations can be directly attributed to discharges from urban stormwater systems.

98. Stormwater outfalls are proven to be a significant pathway for bacterial loading.

99. Trash and other pollutants from the San Jose MS4, as well as sewage and associated pollutants from the Collection System and/or from privately-owned lateral sewer lines that enter the MS4 via SSOs or exfiltration, are discharged to the Receiving Waters.

100. The high levels of trash in the Receiving Waters, including Coyote Creek, Guadalupe River, and their tributaries, impair beneficial uses and pose serious problems for wildlife, wildlife habitat, and human health.

101. Many of the Hot Spots within and along the Receiving Waters are characterized by numerous small floatables, such as Styrofoam and plastic bottles, and large debris, including tires and empty barrels. The small floatables and large debris in the Receiving Waters leach contaminants, smother benthic communities, pose a human health threat, and reduce overall habitat quality.

102. During large storm events, large rafts of trash that collect in San Jose's urban waterways are dislodged and discharged to the Bay, where fish, shorebirds, and marine mammals often ingest or become trapped in the debris.

103. San Jose's inadequate trash containment measures result in high levels of trash flowing from the San Jose MS4 to the Receiving Waters, including the Bay.

104. The discharge of raw and/or inadequately-treated sewage adversely affects the beneficial uses of the Receiving Waters and poses a serious risk to fisheries, wildlife habitat, and human health.

105. Sewage contains human waste, viruses, protozoa, mold spores, bacteria, and chemicals that cause cancer or reproductive toxicity. These chemicals come from solvents, detergents, cleansers, inks, pesticides, paints, pharmaceuticals, and other chemicals used by households and businesses and discarded to sewage collection systems. Exfiltrating sewage or SSOs from the Collection System that

enter the MS4 and then subsequently flows directly or with stormwater to surface waters, result in the addition of these pollutants to the Receiving Waters.

106. Information available to Baykeeper indicates the presence of fecal indicator bacteria in the Receiving Waters following modest storm events at concentrations orders of magnitude greater than WQS for water contact recreation and several times greater than the WQS for noncontact water recreation.

107. Targeted epidemiological studies have shown a number of adverse health outcomes associated with fecally-polluted water resulting in a significant burden of disease and economic loss. Studies conducted worldwide have correlated gastrointestinal symptoms to recreating in water with high bacterial counts. California-specific studies show a higher incidence of upper respiratory and gastrointestinal symptoms associated with swimming in the vicinity of storm drains contaminated with high bacteria counts.

108. Contaminated streams run through many of San Jose's most popular parks, posing public health threats, particularly to children, and significantly diminishing recreation-based beneficial uses.

109. The intensive use of the Bay and its tributaries for commercial and sport fishing, shellfish harvesting, and water-contact recreation increases the likelihood that people will come into direct contact with the trash, sewage, and other pollutants discharged by San Jose.

110. Untreated sewage and trash also affects people who eat fish caught in these waters. Toxic chemicals bio-accumulate in the Bay's food web, *i.e.*, contaminants absorbed by plankton accumulate in fish and birds farther up the food chain and ultimately transfer to human consumers. Contamination of fish is particularly damaging to ethnic and economic minorities, who eat a greater-than-average amount of local fish.

111. The pollutants impairing Coyote Creek, the Guadalupe River, and San Francisco Bay are found in discharges of raw and/or inadequately-treated sewage and trash.

112. By discharging raw and/or inadequately-treated sewage, trash, and associated pollutants into the San Jose MS4 that directly leads to the Receiving Waters, which are waters of the United States, in violation of the Clean Water Act, San Jose has contributed and continues to contribute to the continuing impairment of these waters.

E. San Jose's Violations of the MS4 Permit

1. Failure to Develop an Adequate Baseline Trash Load and Trash Reduction Tracking Method

113. San Jose submitted a baseline trash load as part of its Short-Term Trash Load Reduction Plan by February 1, 2012 ("Baseline Trash Load").

114. The Regional Board rejected the Baseline Trash Load, finding that it contained "significant deficiencies" and that its implementation would "not attain the 40 percent trash load reduction level by July 2014." *See* Letter from Bruce Wolfe, Executive Officer, Regional Board, to Municipal Regional Stormwater NPDES Permit (Order R2-2009-0074) Permittees, at p. 1 (June 7, 2012). In particular, the Regional Board rejected the Baseline Trash Load because it attempted to take credit for actions that were already in place before the adoption of the MS4 permit (*i.e.*, plastic bag and polystyrene food container bans) and provided no process for verification or accountability.

115. San Jose has not revised its Baseline Trash Load.

116. San Jose has never submitted an adequate baseline trash load, as required by the MS4 Permit.

117. Since San Jose has not established a baseline trash load, it has failed to "report its percent annual trash load reduction relative to its Baseline Trash Load," as required by section C.10.d. of the MS4 Permit.

118. San Jose submitted a trash load reduction tracking method with its Short-Term Trash Load Reduction Plan by February 1, 2012 ("2012 Tracking Method").

119. The Regional Board rejected the 2012 Tracking Method.

120. San Jose submitted a revised trash load reduction tracking method on February 1, 2014 ("2014 Tracking Method").

121. The 2014 Tracking Method was submitted two years after the tracking method due date of February 1, 2012.

122. The 2014 Tracking Method does not include a method for quantifying trash load reductions from control methods other than full capture devices. Instead, the 2014 Tracking Method will use on-land visual assessments until the Bay Area Stormwater Management Agencies Association's ("BASMAA") 2014-2016 "Tracking California's Trash" Project develops a method to quantify the level

of trash discharged from San Jose's MS4.

123. The 2014 Tracking Method does not demonstrate progress toward and attainment of the 2014 trash load reduction level required by July 1, 2014.

124. San Jose has stated that it will revise its 2014 Tracking Method in 2016. A revision of the 2014 Tracking Method in 2016 cannot "demonstrate progress and attainment of [the 2017] trash load reduction level[]," as required by the MS4 Permit.

2. Failure to Submit a Short-Term Plan Designed to Attain the Required Trash Load Reductions

125. The Regional Board rejected San Jose's Baseline Trash Load and the 2012 Tracking Method submitted in its Short-Term Plan.

126. San Jose never submitted a revised baseline trash load, and the revised 2014 Tracking Method is inadequate, as described above.

127. Without the required Baseline Trash Load and an adequate trash load reduction tracking method, the Short-Term Plan was not originally designed, and has not been revised, to attain the required 40% trash load reduction.

3. Failure to Submit a Long-Term Plan Designed to Attain the Required Trash Load Reductions

128. San Jose submitted its Long-Term Trash Load Reduction Plan and Assessment Strategy ("Long-Term Plan") to the Regional Board by February 1, 2014.

129. The Long-Term Plan is not designed to attain a 70% trash load reduction by 2017 or 100% trash load reduction by 2022 from the San Jose MS4. Rather, the Long-Term Plan is intended to serve as a pilot program to "evaluate the utility of different assessment methods to demonstrate progress towards trash reduction targets and provide recommended approaches for long-term implementation."

130. While the Long-Term Plan is designed to generally reduce trash from the San Jose MS4, it does not include any calculations or analyses detailing how San Jose will meet the 70% or 100% reduction requirements in the MS4 Permit.

131. Although some trash reduction measures, including full capture devices and other methods, are specified in the Long-Term Plan, the amount of trash reduction expected from each method is never quantified..

132. In the Long-Term Plan, San Jose proposed to divide one-third of the City's total area, designated as either very high, high, or medium trash generating areas, into 47 discreet Trash Management Areas ("TMAs"). However, the Long-Term Plan only identified trash reduction measures for 14 of these TMAs. The Long-Term Plan projects that San Jose will complete the additional prioritization, analysis, and programming for the remaining 33 TMAs, or 70% of the TMAs, by July 2016.

133. The City will have approximately one year to implement trash reduction measures for 70% of the TMAs before it must attain the 70% trash load reduction level.

134. San Jose did not include any numeric estimates of the amount of trash reduction from the control measures actually proposed in the Long-Term Plan.

135. Without numeric estimates of the amount of trash reductions from the proposed control measures, the Plan does not provide any evidence that the City can reach the 70% reduction goal without the reductions from the 33 TMAs that will not have measures in place until at least 2016.

4. Failure to Submit Proper Documentation of Hot Spot Selections

136. San Jose submitted its 32 Hot Spot selections to the Regional Board on July 1, 2010.

137. For each Hot Spot, San Jose included the location, trash pathways/sources, agency contact, and one photograph.

138. San Jose was required to submit at least six photographs of each Hot Spot on a creek and at least twelve photographs of each Hot Spot on a shoreline.

139. San Jose also did not submit "initial assessment results" for any of the proposed Hot Spots.

5. Failure to Adequately Document Hot Spot Clean-Ups and Assessments

140. In its 2009-2010 Annual Report, San Jose included photographs for 6 of its 32 Hot Spots.

141. Other than its 2009-2010 Annual Report, none of San Jose's Annual Reports, nor any other documents submitted to the Regional Board, included any photographs of the Hot Spots before or after clean-up.

142. San Jose has not provided the photo documentation of its Hot Spot clean-up, as required by the MS4 Permit.

6. Illegal Discharges of Rubbish, Refuse, and Other Solid Wastes

143. San Jose has failed to timely implement the control measures and other actions required by the MS4 Permit to reduce trash loads from the San Jose MS4. This includes San Jose's failure to (1) develop an adequate baseline trash load and trash reduction tracking method in violation of Section C.10.a.ii.; (2) submit a Short-Term Plan or Long Term Plan designed to attain the required trash load reductions in violation of Sections C.10.a.i. and C.10.c.; (3) submit proper documentation of Hot Spot selections in violation of Section C.10.b.ii.; or (4) adequately document Hot Spot clean-ups and assessments in violation of Section C.10.b.iii.

144. San Jose's failure to properly implement the Trash Load Reduction Provisions in Section C.10. constitutes a violation of Discharge Prohibition A.2.

145. San Jose fails to comply with Discharge Prohibition A.2. each time it discharges trash from the San Jose MS4 to surface waters.

146. San Jose fails to comply with Discharge Prohibition A.2. each time it discharges trash from the San Jose MS4 to any place where it would contact or eventually be transported to surface waters.

7. Failure to Effectively Prohibit Discharges of Non-Stormwater to and from the San Jose MS4

147. Sewage regularly discharges from the Collection System to the San Jose MS4 and Receiving Waters via exfiltration and SSOs.

148. Information available to Baykeeper indicates that sewage exfiltrates from the Collection System and enters the San Jose MS4 every day.

149. Sewage that enters the storm drain pipe via exfiltration is a non-stormwater discharge to the MS4.

150. San Jose is not effectively prohibiting discharges of sewage to the MS4 via exfiltration.

151. Sewage that reaches the San Jose MS4 through exfiltration flows untreated to the Receiving Waters.

152. San Jose discharges non-stormwater to the Receiving Waters when sewage that enters the MS4 via exfiltration is subsequently discharged from the MS4.

153. Sewage also discharges from the Collection System to the San Jose MS4 via SSOs.

154. San Jose has spilled raw and/or inadequately treated sewage from its Collection System on at least 781 separate occasions since November 24, 2009. *See* Exhibit A to Notice Letter.

155. Of the 781 SSOs, at least 566 discharged into the San Jose MS4 since November 24, 2009. *See* Exhibit B to Notice Letter.

156. Sewage that reaches the MS4 as a result of SSOs are discharges of non-stormwater to the MS4.

157. Sewage that reaches the San Jose MS4 as a result of SSOs flows untreated through the San Jose MS4 to Receiving Waters.

158. San Jose discharges non-stormwater to the Receiving Waters when SSOs and the associated pollutants travel through the MS4 to watercourses.

8. Illegal Discharges of Bacteria from the MS4

159. Available data demonstrates that discharges from the San Jose MS4 contain elevated concentrations of pollutants such as total coliform, fecal coliform, and enterococci at levels exceeding applicable WQS by orders of magnitude. *See* Exhibit C to Notice Letter (table listing results of water quality monitoring).

160. Discharges with elevated levels of bacteria and other pollutants adversely affect the beneficial uses of the Receiving Waters.

161. San Jose's discharges from the San Jose MS4 outfalls with concentrations of pollutants such as total coliform, fecal coliform, and enterococci that exceed WQS demonstrate that San Jose's discharges cause or contribute to a violation of an applicable WQS.

VII. CLAIMS FOR RELIEF

FIRST CAUSE OF ACTION
Violation of the MS4 Permit's Requirement to Develop an Adequate Baseline Trash Load and Trash Reduction Tracking Method, MS4 Permit, Sections C.10.a.ii. and C.10.d., 33 U.S.C. §§ 1311(a), 1342

162. Baykeeper incorporates the allegations contained in the above paragraphs as though fully set forth herein.

163. Baykeeper is informed and believes, and thereon alleges, that the Baseline Trash Load and the 2012 and 2014 Tracking Methods, as well as subsequent reporting, are inadequate and fail to

comply with the MS4 Permit.

164. Baykeeper is informed and believes, and thereon alleges, that every day that San Jose operates the San Jose MS4 without developing a baseline trash load and trash load reduction tracking method that meets the requirements of the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act.

165. Baykeeper is informed and believes, and thereon alleges, that San Jose has been in daily and continuous violation of Section C.10.a.ii. of the MS4 Permit every day since at least February 1, 2012.

166. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Section C.10.a.ii of the MS4 Permit are ongoing.

167. Baykeeper is informed and believes, and thereon alleges, that San Jose has been in daily and continuous violation of Section C.10.d. of the MS4 Permit every day since at least September 15, 2012.

168. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Section C.10.d. of the MS4 Permit are ongoing.

169. By committing the acts and omissions alleged above, San Jose is subject to an assessment of civil penalties for each and every violation of the CWA occurring from February 1, 2012 to the present for violations of Section C.10.a.ii., and from September 15, 2012 to the present for violations of C.10.d., pursuant to sections 309(d) and 505 of the CWA, 33 U.S.C. §§ 1319(d), 1365, and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4.

170. An action for injunctive relief under the CWA is authorized by 33 U.S.C. § 1365(a). Continuing commission of the acts and omissions alleged above would irreparably harm Baykeeper and the citizens of the State of California, for which harm Baykeeper has no plain, speedy, or adequate remedy at law.

WHEREFORE, Plaintiff prays for judgment against San Jose as set forth hereafter.

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SECOND CAUSE OF ACTION
Violation of the MS4 Permit's Requirement to Submit a Short-Term Plan Designed to Attain the Required Trash Load Reductions, MS4 Permit, Section C.10.a.i., 33 U.S.C. §§ 1311(a), 1342

171. Baykeeper incorporates the allegations contained in the above paragraphs as though fully set forth herein.

172. Baykeeper is informed and believes, and thereon alleges, that San Jose's Short-Term Plan is inadequate and fails to comply with the MS4 Permit.

173. Baykeeper is informed and believes, and thereon alleges, that every day that San Jose operates the San Jose MS4 without a Short-Term Plan that meets the requirements of the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act.

174. Baykeeper is informed and believes, and thereon alleges, that San Jose has been in daily and continuous violation of Section C.10.a.i. of the MS4 Permit every day since at least February 1, 2012.

175. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Section C.10.a.i. of the MS4 Permit violations are ongoing.

176. By committing the acts and omissions alleged above, San Jose is subject to an assessment of civil penalties for each and every violation of the CWA occurring from February 1, 2012 to the present pursuant to sections 309(d) and 505 of the CWA, 33 U.S.C. §§ 1319(d), 1365, and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4.

177. An action for injunctive relief under the CWA is authorized by 33 U.S.C. § 1365(a). Continuing commission of the acts and omissions alleged above would irreparably harm Baykeeper and the citizens of the State of California, for which harm Baykeeper has no plain, speedy, or adequate remedy at law.

WHEREFORE, Plaintiff prays for judgment against San Jose as set forth hereafter.

THIRD CAUSE OF ACTION
Violation of the MS4 Permit's Requirement to Submit a Long-Term Plan Designed to Attain the Required Trash Load Reductions, MS4 Permit, Section C.10.c., 33 U.S.C. §§ 1311(a), 1342

178. Baykeeper incorporates the allegations contained in the above paragraphs as though fully

set forth herein.

179. Baykeeper is informed and believes, and thereon alleges, that San Jose's Long-Term Plan is inadequate and fails to comply with the MS4 Permit.

180. Baykeeper is informed and believes, and thereon alleges, that every day that San Jose operates the San Jose MS4 without a Long-Term Plan that meets the requirements of the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act.

181. Baykeeper is informed and believes, and thereon alleges, that San Jose has been in daily and continuous violation of Section C.10.c. of the MS4 Permit every day since at least February 1, 2014.

182. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Section C.10.c. of the MS4 Permit violations are ongoing.

183. By committing the acts and omissions alleged above, San Jose is subject to an assessment of civil penalties for each and every violation of the CWA occurring from February 1, 2014 to the present pursuant to sections 309(d) and 505 of the CWA, 33 U.S.C. §§ 1319(d), 1365, and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4.

184. An action for injunctive relief under the CWA is authorized by 33 U.S.C. § 1365(a). Continuing commission of the acts and omissions alleged above would irreparably harm Baykeeper and the citizens of the State of California, for which harm Baykeeper has no plain, speedy, or adequate remedy at law.

WHEREFORE, Plaintiff prays for judgment against San Jose as set forth hereafter.

FOURTH CAUSE OF ACTION
Violation of the MS4 Permit's Requirement to Submit Proper Documentation of Hot Spot Selections, MS4 Permit, Section C.10.b.ii., 33 U.S.C. §§ 1311(a), 1342

185. Baykeeper incorporates the allegations contained in the above paragraphs as though fully set forth herein.

186. Baykeeper is informed and believes, and thereon alleges, that San Jose's submitted documentation of its Hot Spot selections is inadequate and fails to comply with the MS4 Permit.

187. Baykeeper is informed and believes, and thereon alleges, that every day that San Jose operates the San Jose MS4 without submitting the necessary Hot Spot documentation as required by the

MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act.

188. Baykeeper is informed and believes, and thereon alleges, that San Jose has been in daily and continuous violation of Section C.10.b.ii. of the MS4 Permit every day since at least July 1, 2010.

189. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Section C.10.b.ii. of the MS4 Permit violations are ongoing.

190. By committing the acts and omissions alleged above, San Jose is subject to an assessment of civil penalties for each and every violation of the CWA occurring from July 1, 2010 to the present pursuant to sections 309(d) and 505 of the CWA, 33 U.S.C. §§ 1319(d), 1365, and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4.

191. An action for injunctive relief under the CWA is authorized by 33 U.S.C. § 1365(a). Continuing commission of the acts and omissions alleged above would irreparably harm Baykeeper and the citizens of the State of California, for which harm Baykeeper has no plain, speedy, or adequate remedy at law.

WHEREFORE, Plaintiff prays for judgment against San Jose as set forth hereafter.

FIFTH CAUSE OF ACTION
Violation of the MS4 Permit's Requirement to Adequately Report Hot Spot Clean-Ups, MS4 Permit, Section C.10.b.iii., 33 U.S.C. §§ 1311(a), 1342

192. Baykeeper incorporates the allegations contained in the above paragraphs as though fully set forth herein.

193. Baykeeper is informed and believes, and thereon alleges, that San Jose's Hot Spot reporting is inadequate and fails to comply with the MS4 Permit.

194. Baykeeper is informed and believes, and thereon alleges, that every day that San Jose operates the San Jose MS4 without documenting its Hot Spot clean-up as required by the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act.

195. Baykeeper is informed and believes, and thereon alleges, that San Jose has been in daily and continuous violation of Section C.10.b.iii. of the MS4 Permit every day since at least July 1, 2010.

196. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Section C.10.b.iii. of the MS4 Permit violations are ongoing.

197. By committing the acts and omissions alleged above, San Jose is subject to an assessment of civil penalties for each and every violation of the CWA occurring from July 1, 2010 to the present pursuant to sections 309(d) and 505 of the CWA, 33 U.S.C. §§ 1319(d), 1365, and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4.

198. An action for injunctive relief under the CWA is authorized by 33 U.S.C. § 1365(a). Continuing commission of the acts and omissions alleged above would irreparably harm Baykeeper and the citizens of the State of California, for which harm Baykeeper has no plain, speedy, or adequate remedy at law.

WHEREFORE, Plaintiff prays for judgment against San Jose as set forth hereafter.

SIXTH CAUSE OF ACTION

Illegal Discharges of Rubbish, Refuse, and Other Solid Wastes, MS4 Permit, Discharge Prohibition A.2., 33 U.S.C. §§ 1311(a), 1342

199. Plaintiff incorporates the allegations contained in the above paragraphs as though fully set forth herein.

200. Baykeeper is informed and believes, and thereon alleges, that San Jose has discharged and continues to discharge rubbish, refuse, and other solid waste into surface waters or at any place where they would contact or where they would eventually be transported to surface waters each time stormwater is discharged from the San Jose MS4 from December 13, 2009 through the present.

201. Baykeeper is informed and believes, and thereon alleges, that San Jose has failed to properly implement the Trash Load Reduction Provisions of the MS4 Permit. As a result, San Jose's discharges of rubbish, refuse, and other solid waste into surface waters or at any place where they would contact or where they would eventually be transported to surface waters violate Discharge Prohibition A.2. of the MS4 Permit and the Clean Water Act.

202. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Discharge Prohibition A.2 of the MS4 Permit and the Clean Water Act are ongoing.

203. San Jose will continue to be in violation of the MS4 Permit and the Clean Water Act each and every time it discharges rubbish, refuse, and other solid waste into surface waters or at any place where they would contact or where they would eventually be transported to surface waters.

204. Each and every violation of Discharge Prohibition A.2. of the MS4 Permit is a separate and distinct violation of section 301(a) of the CWA, 33 U.S.C. § 1311(a).

205. By committing the acts and omissions alleged above, San Jose is subject to an assessment of civil penalties for each and every violation of the CWA occurring from December 13, 2009 to the present pursuant to sections 309(d) and 505 of the CWA, 33 U.S.C. §§ 1319(d), 1365, and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4.

206. An action for injunctive relief under the CWA is authorized by 33 U.S.C. § 1365(a). Continuing commission of the acts and omissions alleged above would irreparably harm Baykeeper and the citizens of the State of California, for which harm Baykeeper has no plain, speedy, or adequate remedy at law.

WHEREFORE, Plaintiff prays for judgment against San Jose as set forth hereafter.

SEVENTH CAUSE OF ACTION

Illegal Discharges of Non-Stormwater,
MS4 Permit, Discharge Prohibition A.1.
33 U.S.C. §§ 1311(a), 1342

207. Plaintiff incorporates the allegations contained in the above paragraphs as though fully set forth herein.

208. Baykeeper is informed and believes, and thereon alleges, that San Jose's discharges of SSOs from the Collection System into the San Jose MS4 are ongoing and continuous.

209. Baykeeper is informed and believes, and thereon alleges, that San Jose's discharges of sewage via exfiltration to the San Jose MS4 are ongoing and continuous.

210. San Jose's discharges of sewage from the San Jose MS4, whether from SSOs or exfiltration to watercourses, are ongoing and continuous.

211. Baykeeper is informed and believes, and thereon alleges, that each of these discharges is itself a violation of Discharge Prohibition A.1. of the MS4 Permit and the Clean Water Act.

212. Baykeeper is further informed and believes, and thereon alleges, that these discharges demonstrate that San Jose fails to effectively prohibit discharges into and from the San Jose MS4 as required by the MS4 Permit and the Clean Water Act.

213. Baykeeper is informed and believes, and thereon alleges, that San Jose has therefore been

in daily and continuous violation of Discharge Prohibition A.1. of the MS4 Permit every day since at least December 13, 2009.

214. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Discharge Prohibition A.1. of the MS4 Permit and the CWA are ongoing.

215. San Jose's violations will continue each day and/or occasion that it fails to effectively prohibit the discharge of sewage to or from the San Jose MS4 in violation of the requirements of the MS4 Permit and the Clean Water Act.

216. Each and every violation of Discharge Prohibition A.1. of the MS4 Permit is a separate and distinct violation of section 301(a) of the CWA, 33 U.S.C. § 1311(a).

217. By committing the acts and omissions alleged above, San Jose is subject to an assessment of civil penalties for each and every violation of the CWA occurring from December 13, 2009 to the present pursuant to sections 309(d) and 505 of the CWA, 33 U.S.C. §§ 1319(d), 1365, and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4.

218. An action for injunctive relief under the CWA is authorized by 33 U.S.C. § 1365(a). Continuing commission of the acts and omissions alleged above would irreparably harm Baykeeper and the citizens of the State of California, for which harm Baykeeper has no plain, speedy, or adequate remedy at law.

WHEREFORE, Plaintiff prays for judgment against San Jose as set forth hereafter.

EIGHTH CAUSE OF ACTION

Illegal Discharges that Create Conditions of Nuisance, Adversely Affect Beneficial Uses, or Cause of Contribute to Violations of Water Quality Standards, MS4 Permit, Receiving Water Limitations B.1. and B.2. 33 U.S.C. §§ 1311(a), 1342

219. Plaintiff incorporates the allegations contained in the above paragraphs as though fully set forth herein.

220. Baykeeper is informed and believes, and thereon alleges, that San Jose has discharged and continues to discharge stormwater containing levels of pollutants that adversely impact human health and/or the environment.

221. Baykeeper is informed and believes, and thereon alleges, that San Jose's discharges of stormwater containing levels of pollutants that adversely impact human health and/or the environment

violate Receiving Water Limitation B.1. of the MS4 Permit and the Clean Water Act.

222. Baykeeper is informed and believes, and thereon alleges, that San Jose's discharges from the San Jose MS4 contain levels of pollutants that adversely impact human health and/or the environment during and/or after every significant rain event and whenever non-stormwater in the form of exfiltrating sewage or SSOs discharges from the San Jose MS4 since December 13, 2009.

223. Baykeeper is informed and believes, and thereon alleges, that San Jose has discharged and continues to discharge stormwater containing levels of pollutants that cause or contribute to violations of applicable WQS.

224. Baykeeper is informed and believes, and thereon alleges, that San Jose's discharges of stormwater containing levels of pollutants that cause or contribute to exceedances of applicable WQS violate Receiving Water Limitation B.2. of the MS4 Permit and the Clean Water Act.

225. Baykeeper is informed and believes, and thereon alleges, that San Jose's discharges from the San Jose MS4 contain levels of pollutants that cause or contribute to exceedances of applicable WQS during and/or after every significant rain event and whenever non-stormwater in the form of exfiltrating sewage or SSOs discharges from the MS4 since December 13, 2009.

226. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Receiving Water Limitation B.1. of the MS4 Permit and the CWA are ongoing.

227. Baykeeper is informed and believes, and thereon alleges, that San Jose's violations of Receiving Water Limitation B.2. of the MS4 Permit and the CWA are ongoing.

228. San Jose will continue to be in violation of the MS4 Permit and the CWA each and every time its discharges contain pollutants at levels that violate Receiving Water Limitation B.1. of the MS4 Permit.

229. San Jose will continue to be in violation of the MS4 Permit and the CWA each and every time its discharges contain pollutants at levels that violate Receiving Water Limitation B.2. of the MS4 Permit.

230. Each and every violation of Receiving Water Limitation B.1. of the MS4 Permit is a separate and distinct violation of section 301(a) of the CWA, 33 U.S.C. § 1311(a).

231. Each and every violation of Receiving Water Limitation B.2. of the MS4 Permit is a

separate and distinct violation of section 301(a) of the CWA, 33 U.S.C. § 1311(a).

232. By committing the acts and omissions alleged above, San Jose is subject to an assessment of civil penalties for each and every violation of the CWA occurring from December 13, 2009 to the present pursuant to sections 309(d) and 505 of the CWA, 33 U.S.C. §§ 1319(d), 1365, and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4.

233. An action for injunctive relief under the CWA is authorized by 33 U.S.C. § 1365(a). Continuing commission of the acts and omissions alleged above would irreparably harm Baykeeper and the citizens of the State of California, for which harm Baykeeper has no plain, speedy, or adequate remedy at law.

WHEREFORE, Plaintiff prays for judgment against San Jose as set forth hereafter.

VIII. RELIEF REQUESTED

Wherefore, Plaintiff respectfully requests that this Court grant the following relief:

a. Declare San Jose to have violated and to be in violation of the MS4 Permit and Sections 301(a) and 402 of the CWA, 33 U.S.C. §§ 1311(a), 1342, for its unlawful discharges of pollutants and violations of the substantive and procedural requirements of the MS4 Permit and the CWA;

b. Enjoin San Jose from violating the substantive and procedural requirements of the MS4 Permit and Sections 301(a) and 402 of the CWA, 33 U.S.C. §§ 1311(a), 1342;

c. Order San Jose to pay civil monetary penalties for each violation of the CWA at $37,500 per day per violation for violations occurring since January 12, 2009, as permitted by 33 U.S.C. § 1319(d) and Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4;

d. Award Plaintiff its reasonable costs of suit, including attorney, witness, expert, and consultant fees, as permitted by Section 505(d) of the Clean Water Act, 33 U.S.C. § 1365(d); and

e. Grant any other relief as this Court may deem appropriate.

Dated: February 11, 2015

Respectfully submitted,

Daniel Cooper
Drevet Hunt
LAWYERS FOR CLEAN WATER, INC.
Attorneys for San Francisco Baykeeper

Appendix A

SAN FRANCISCO BAYKEEPER®

November 24, 2014

VIA CERTIFIED MAIL

Hans Larsen, Director
Department of Transportation
City of San Jose
200 E. Santa Clara St., 8th Floor
San Jose, CA 95113

Dave Sykes, Director
Public Works Department
City of San Jose
200 E. Santa Clara St., 5th Floor
San Jose, CA 95113

Kerrie Romanow, Director
Environmental Services Department
City of San Jose
200 E. Santa Clara St., 10th Floor
San Jose, CA 95113

Ed Shikada, City Manager
City of San Jose
200 E. Santa Clara St., 8th Floor
San Jose, CA 95113

Re: Notice of Violation and Intent to File Suit Under the Clean Water Act

Dear Ms. Romanow, Mr. Larsen, Mr. Skyes, and Mr. Shikada:

I am writing on behalf of San Francisco Baykeeper ("Baykeeper") to notify you that San Jose is in violation of the Federal Water Pollution Control Act, 33 U.S.C. §§ 1251 *et seq*. ("Clean Water Act" or "CWA") and to invite you to contact me immediately to schedule a meeting and begin discussing solutions.

Baykeeper is a non-profit public benefit corporation dedicated to the preservation, protection, and defense of the environment, wildlife, and natural resources of the San Francisco Bay and its tributaries. As explained below, this letter provides notice of the City of San Jose's unlawful discharge of trash and bacterial pollution in violation of the *Municipal Regional Storm Water NPDES ("NPDES") Permit*, NPDES Permit No. CAS612008, Order No. R2-2009-0074, California Regional Water Quality Control Board San Francisco Bay Region ("MS4 Permit").

The MS4 Permit regulates discharges to and from San Jose's municipal separate storm sewer system ("MS4"). The violations of the MS4 Permit alleged in this letter concern San

Jose's failure to develop and implement the plans necessary to control trash discharges from its MS4, its failure to prevent the discharge of raw sewage and associated pollutants to and from its MS4, and its failure to prevent discharges from its MS4 that cause and contribute to violations of water quality standards in area creeks and rivers.

Municipal stormwater is a significant source of trash and bacteria to urban creeks and rivers. Several studies conclude that stormwater runoff is the dominant source of trash in urbanized watersheds.[1] Trash imposes visual and public health impacts that reduce recreational opportunities while threatening ecological resources by smothering river bottoms, blocking migratory fish corridors, and resulting in the ingestion of trash debris by aquatic wildlife. Similarly, high bacteria concentrations can be directly attributed to discharges from urban stormwater systems.[2] Bacteria concentrations recorded from San Jose waterways indicate they are unsafe for human contact following even minor storm events. Stormwater outfalls are proven to be a significant pathway for bacterial loading. In addition, human waste associated with homeless encampments has been observed within and adjacent to waterways, indicating another pathway for bacterial loading.

Section 505(b) of the Clean Water Act, 33 U.S.C. § 1365(b), requires a citizen to give notice of intent to file suit sixty (60) days prior to the initiation of a civil action under Section 505(a) of the Clean Water Act, 33 U.S.C. § 1365(a). Notice must be given to the head of the entity responsible for the violations, the Administrator of the United States Environmental Protection Agency ("EPA"), the Regional Administrator of the Environmental Protection Agency for the region in which the violations occurred, and the head of the water pollution control agency for the state in which the violations occurred. 33 U.S.C. § 1365(b)(1)(A), *see also* 40 C.F.R. § 135.2(a)(2).

As required by the Clean Water Act, Baykeeper hereby places San Jose on formal notice that, after the expiration of sixty (60) days from the date of this Notice of Violation and Intent To File Suit ("Notice Letter"), Baykeeper intends to file suit in federal district court pursuant to Section 505(a) of the Clean Water Act, 33 U.S.C. § 1365(a), against the persons responsible for the violations described in this Notice Letter. Within the 60-day period, we strongly encourage you to contact us so that we may resolve the issues described herein. While we do not anticipate delaying filing suit at the end of the 60-day period, we do hope to be on track to settle the issues well before the need for costly litigation. Baykeeper would appreciate hearing from you promptly to arrange a meeting.

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[1] California Regional Water Quality Control Board, Los Angeles Region. 2007. Trash Total Maximum Daily Load for the Los Angeles River Watershed, Revised Draft, July 27, 2007.
[2] Sercu B, Van De Werfhorst LC, Murray JL, Holden PA. 2011. Sewage exfiltration as a source of storm drain contamination during dry weather in urban watersheds. Environ Sci Technol. 45(17):7151-7.

I. ORGANIZATION GIVING NOTICE OF CLEAN WATER ACT VIOLATIONS

Baykeeper is a non-profit public benefit corporation organized under the laws of California, with its main office in San Francisco, California. Baykeeper's purpose is to preserve, protect, and defend the environment, wildlife, and natural resources of San Francisco Bay, its tributaries, and other waters in the Bay Area. To further its goals, Baykeeper actively seeks federal and state agency implementation of state and federal water quality related laws. As necessary, Baykeeper directly initiates enforcement actions on behalf of itself and its members. Baykeeper has over three thousand members who use and enjoy San Francisco Bay, its tributaries, and other waters for various recreational, educational, and spiritual purposes.

Baykeeper's members use and enjoy the Bay shoreline and waters in and around San Jose, including, but not limited to, South San Francisco Bay, Coyote Creek and its tributaries, the Guadalupe River and its tributaries, and other waters that drain to South San Francisco Bay (these waters are hereinafter referred to as the "Receiving Waters"). Specifically, Baykeeper's members sail, swim, windsurf, picnic, fish, hike and enjoy the wildlife in and around these waters. Baykeeper's members' use and enjoyment of the Receiving Waters has been and continues to be adversely affected by discharges of stormwater and non-stormwater contaminated with sewage, trash, and other pollutants to the Receiving Waters, as well as San Jose's failure to develop and implement programs to effectively control and monitor these discharges. San Jose's discharges of trash, sewage, and associated pollutants degrade water quality and harm aquatic life in the Receiving Waters, and thus impair Baykeeper's members' use and enjoyment of these waters.

II. THE MUNICIPAL SEPARATE STORM SEWER SYSTEM AND THE ENTITY RESPONSIBLE FOR THE CLEAN WATER ACT VIOLATIONS

A. San Jose's Municipal Separate Storm Sewer System and the MS4 Permit

San Jose owns and operates its municipal separate storm sewer system ("San Jose MS4"). An MS4 is defined as "a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains)" owned or operated by a State, city, or town that is designed or used for collecting or conveying stormwater and that discharges to waters of the United States. *See* 40 C.F.R. § 122.26(b)(8)(i)-(ii); *see also* 40 C.F.R. § 122.26(b)(18).[3]

The San Jose MS4 consists of the streets, curbs, gutters, drop inlets, underground pipes, concrete channels, and other structures that convey stormwater in and around the City of San Jose. The San Jose MS4 includes approximately 1,000 miles of storm drain pipes. These pipes, as well as other surface conveyances, discharge to the Receiving Waters. Each time it rains, the trash and other pollutants littering the streets, sidewalks, parking lots, and other urban infrastructure in San Jose discharge to the Receiving Waters via the San Jose MS4. Similarly,

[3] An MS4 is further defined as a sewer system that is not a combined sewer, and is not part of a Publicly Owned Treatment Works. *See* 40 C.F.R. § 122.26(b)(8)(iii)-(iv).

non-stormwater flows, such as those from sanitary sewer overflows, discharge from the San Jose MS4 to area waters.

Clean Water Act Section 402(p), 33 U.S.C. § 1342(p), establishes a framework for regulating municipal stormwater discharges under NPDES permits. Section 402(p) of the CWA requires an NPDES permit for stormwater discharges from an MS4 to waters of the United States. Section 402(p)(3)(B) sets forth the requirements that must be in all MS4 permits, including the obligation to effectively prohibit non-stormwater discharges into the storm sewers and to reduce pollutants in discharges to receiving waters. 33 U.S.C. § 1342(p)(3)(B). San Jose is one of thirteen cities and towns in Santa Clara County, along with the Santa Clara Valley Water District and Santa Clara County (collectively, "Santa Clara Permittees"), that have joined together to form the Santa Clara Valley Urban Runoff Pollution Prevention Program ("SCVURPPP"). The Santa Clara Permittees, including San Jose, are subject to the terms and conditions of the MS4 Permit.[4] The MS4 Permit allows permittees to discharge stormwater runoff from storm drains and other stormwater conveyances within their jurisdictions. San Jose has jurisdiction over and/or maintenance responsibilities for the San Jose MS4. *See* MS4 Permit, Fact Sheet, Page App I-15.

B. San Jose's Sewage Collection System and Sewage Exfiltration and Overflow to the San Jose MS4

San Jose's wastewater collection system ("Collection System") is comprised of the San Jose/Santa Clara Water Pollution Control Plant ("Plant") and the City of San Jose's sanitary sewer collection system. San Jose individually owns and operates its sanitary sewer collection system, which consists of approximately 2,100 miles of sewer pipes that range in size from 6 to 90 inches in diameter, 44,000 manholes, and 16 pump stations. Information available to Baykeeper indicates that 75% of the existing sanitary sewer mains in the Collection System are older than 20 years old and 30% are older than 50 years old. Another 13% of the sanitary sewer segments do not maintain recorded ages. Data contained in the City of San Jose's sanitary sewer database also indicates 91% of the system is comprised of vitrified clay pipes, which are known to be susceptible to cracking and leakage. Collected wastewater is conveyed to the Plant by major interceptor pipelines located in the northern part of San Jose. The wastewater conveyed to the Plant is then treated and subsequently discharged into Artesian Slough, a tributary to Coyote Creek and South San Francisco Bay. The Collection System is a point source under the Clean Water Act. *See* 33 U.S.C. § 1362(14).

San Jose operates, maintains, and manages its Collection System improperly, resulting in discharges of sewage to the San Jose MS4 and Receiving Waters. The discharges of sewage to the San Jose MS4 and Receiving Waters occur through at least two processes.

One, sewage discharges from the Collection System underground via cracks, displaced joints, holes, and other leakage points in the Collection System. This process is referred to as

[4] The MS4 Permit also regulates separate storm sewer systems in San Mateo, Contra Costa, Alameda, and Solano counties.

exfiltration. Sewage that exfiltrates from the Collection System in areas where the Collection System is in proximity to the San Jose MS4 has the potential to enter the MS4 via cracks, displaced joints, and other compromised portions of the MS4. Sewage that reaches the San Jose MS4 through exfiltration flows untreated to the Receiving Waters.

Two, sewer system overflows ("SSOs") of raw and/or inadequately-treated sewage flow from the Collection System or from privately owned sewer lines to the San Jose MS4. SSOs have many causes including, but not limited to, blockages in the pipes caused by roots, grease, foreign debris, and structural damage to pipes such as off-set joints and broken pipes. SSOs can also be caused by inadequate flow capacity. Whatever the cause, SSOs discharge from manholes, clean outs, or other surface structures of the Collection System or private laterals and subsequently discharge untreated sewage to the San Jose MS4. According to reports San Jose submitted to the State Water Resources Control Board ("State Board"), the Regional Water Quality Control Board, San Francisco Region ("Regional Board"), and/or the Office of Emergency Services ("OES"), San Jose has spilled raw and/or inadequately treated sewage from its Collection System on at least 781 separate occasions in the last five (5) years.[5] San Jose's ongoing and continuous SSOs demonstrate serious problems with San Jose's operation and maintenance of its Collection System, and result in ongoing and continuous discharge of sewage flowing untreated to the MS4 and Receiving Waters.

C. The Entity Responsible for Operating the San Jose MS4 and the Collection System

San Jose is a municipality incorporated under the laws of the State of California. The Departments of Transportation, Public Works, and Environmental Services (collectively, "Departments") are departments of the City of San Jose. The City of San Jose and its Departments have offices at 200 E. Santa Clara St., San Jose, CA 95113. The Department of Transportation's current Director is Hans Larsen. The Department of Public Works' current Director is Dave Sykes. The Department of Environmental Service's current Director is Kerrie Romanow. The current City Manager is Ed Shikada. San Jose and/or the Departments are the owner(s) and/or operator(s) of the San Jose MS4 and the Collection System.

San Jose and/or the Departments are responsible for operating and maintaining the San Jose MS4. Operating and maintaining the MS4 includes tasks such as collecting and conveying stormwater through the MS4, preventing trash and other non-stormwater materials (including SSOs and sewage exfiltrating from the Collection System) from entering the MS4, conducting routine maintenance, cleaning and inspecting the MS4, and responding to citizen complaints related to the storm drain system. San Jose and/or the Departments are also responsible for operating and maintaining the Collection System, which include tasks such as, but not limited to, collecting and conveying sewage through the Collection System, conducting routine

[5] Exhibit A lists the SSOs San Jose reported in the last five (5) years in SSO reports the City submitted to the State Board and Regional Board. Baykeeper expects that additional SSOs will be identified upon review of San Jose's internal recordkeeping of its sewer and storm sewer maintenance and spill response activities.

maintenance, cleaning and inspecting the Collection System, designing and implementing necessary capital improvements, and responding to SSOs. Further, San Jose and/or the Departments are responsible for developing and implementing the pollution control plans and monitoring plans required by the MS4 Permit, and for preventing discharges from the MS4 that violate the MS4 Permit.

III. THE LOCAL WATERWAYS AND THE MANNER IN WHICH THEY ARE IMPACTED BY SAN JOSE'S CLEAN WATER ACT VIOLATIONS

The storm drain pipes and other conveyances in the San Jose MS4 discharge to Coyote Creek, Guadalupe River, and other local waterbodies that are tributaries to these waters. The Guadalupe River flows north through San Jose and then discharges into the San Francisco Bay at the Alviso Slough. Coyote Creek flows from south of San Jose, along the eastern boundary of San Jose, through North San Jose and then discharges into South San Francisco Bay.

The Guadalupe River drains an area of 171 square miles. It is the predominant drainage in the western portions of San Jose. The Guadalupe River is an important ecological resource in the Santa Clara Valley. It provides habitat for anadromous fish such as steelhead, as well as resident fish and other aquatic species. The Guadalupe River also provides important habitat for numerous riparian species of plants and animals.

Coyote Creek is also an important ecological resource in the Santa Clara Valley. It drains a nearly 320 square mile watershed that stretches from Henry Coe State Park to the San Francisco Bay. It is the predominant drainage in the eastern portions of San Jose. Historically, Coyote Creek supported numerous fish populations, including steelhead, Coho salmon, and Chinook salmon. Steelhead and Chinook salmon still use Coyote Creek for spawning and early development life stages. Coyote Creek is also important habitat for numerous aquatic and riparian plants and animals in the region.

San Francisco Bay is an ecologically-sensitive waterbody and a defining feature of Northern California. San Francisco Bay is an important and heavily-used resource, with special aesthetic and recreational significance for people living in the surrounding communities. Aquatic sports are very popular in the Bay Area. The San Francisco Bay shoreline has numerous highly-valued lagoons with beaches and public access that offer unique recreational opportunities for swimmers, kayakers, and windsurfers. The large-scale urbanization of the Bay Area makes these recreational and aesthetic uses critically important to the quality of life of Bay Area residents. However, the San Francisco Bay's water quality is impaired and continues to decline. The Bay's once-abundant and varied fisheries have been drastically diminished by pollution, and much of the wildlife habitat of the Bay has been degraded.

Trash and other pollutants from the San Jose MS4, as well as sewage and associated pollutants from the Collection System and/or from privately-owned lateral sewer lines that enter the MS4 with SSOs or via exfiltration, are discharged to the Receiving Waters.

The high levels of trash in the Receiving Waters, including Coyote Creek, Guadalupe River, and their tributaries, pose serious problems for wildlife, wildlife habitat, and human health. Trash not only poses a visual distraction and discourages recreation-based beneficial uses but also threatens biological beneficial uses through risks to multiple trophic levels. Many of the trash hot spots within and along the Receiving Waters are characterized by numerous small floatables, such as Styrofoam and plastic bottles, and large debris, including tires and empty barrels, which leach contaminants, smother benthic communities, pose a human health threat, and reduce overall habitat quality. Large rafts of trash collect in San Jose's urban waterways and, druing large storm events, are dislodged and discharged to San Francisco Bay, where fish, shorebirds and marine mammals often ingest or become trapped in the debris. Inadequate trash containment measures within the City of San Jose result in high levels of trash flowing from San Jose's MS4 to the Receiving Waters, including San Francisco Bay.

Moreover, the discharge of raw and/or inadequately-treated sewage harms the Receiving Waters and poses a serious risk to fisheries, wildlife habitat, and human health. Sewage contains human waste, viruses, protozoa, mold spores, bacteria, and chemicals that cause cancer or reproductive toxicity. These chemicals come from solvents, detergents, cleansers, inks, pesticides, paints, pharmaceuticals, and other chemicals used by households and businesses and then discarded to sewage collection systems.[6] High concentrations of these pollutants are typically found in raw and/or inadequately-treated sewage. SSOs from the Collection System or exfiltrating sewage that enter the MS4 and then subsequently flow directly or with stormwater to surface waters, result in the addition of these pollutants to the Receiving Waters.

Information available to Baykeeper indicates the presence of fecal indicator bacteria in the Receiving Waters following modest storm events at concentrations orders of magnitude greater than water quality standards for water contact recreation and several times greater than the non-contact water recreation standard for fecal coliform. Targeted epidemiological studies have shown a number of adverse health outcomes associated with fecally-polluted recreational water. Such health impacts result in a significant burden of disease and economic loss. Studies conducted worldwide have correlated gastrointestinal symptoms to recreating in water with high bacterial counts.[7] California-specific studies show a higher incidence of upper respiratory and gastrointestinal symptoms associated with swimming in the vicinity of storm drains

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[6] *See* People for Puget Sound, "Puget Sound Georgia Basin Sewage Report," February 1995; *see also* Davis, Gary A. and Em Turner, "Safe Substitutes at Home: Non-Toxic Household Products," University of Tennessee-Knoxville Waste Management Institute, available at: http://infohouse.p2ric.org/ref/07/06634.pdf; Frick, E., *et al.*, Presence of Pharmaceuticals in Wastewater Effluent and Drinking Water, Metropolitan Atlanta, Georgia July- September 1999, Proceedings of the 2001 Georgia Water Resources Conference, March 26-27, 2001; The Associated Press, *Death by Dirty Water: Storm runoff a risk for fish*, WASH. POST, November 17, 2014, available at http://www.washingtonpost.com/national/energy-environment/scientists-study-stormwater-deadly-to-salmon/2014/11/17/cb4be6d2-6e1c-11e4-a2c2-478179fd0489_story.html.

[7] Pruss, A. 1998. Review of epidemiological studies on health effects from exposure to recreational water. International Journal of Epidemiology 27(1):1-9.

contaminated with high bacteria counts.[8] Contaminated streams run through many of San Jose's most popular parks, posing public health threats, particularly to children, and significantly diminishing recreation-based beneficial uses.

Furthermore, the intensive use of San Francisco Bay and its tributaries for commercial and sport fishing, shellfish harvesting, and water-contact recreation increases the likelihood that people will come into direct contact with the trash, sewage, and other pollutants discharged by the City of San Jose. Untreated sewage and trash also affects people who eat fish caught in these waters. Toxic chemicals bio-accumulate in the San Francisco Bay's food web; *i.e.*, contaminants absorbed by plankton accumulate in fish and birds farther up the food chain and ultimately transfer to human consumers. Contamination of fish is particularly damaging to ethnic and economic minorities, who eat a greater-than-average amount of local fish.

The Water Quality Control Plan for the San Francisco Bay Basin ("Basin Plan") designates beneficial uses and water quality objectives for waters receiving discharges from the Collection System and San Jose's MS4. The existing beneficial uses for Coyote Creek and Guadalupe River include: Freshwater Replenishment (Guadalupe River only), Groundwater Recharge, Commercial and Sport Fishing (Coyote Creek only), Cold Freshwater Habitat, Fish Migration, Preservation of Rare and Endangered Species, Fish Spawning, Warm Freshwater Habitat, Wildlife Habitat, Water Contact Recreation ("REC-1"), and Noncontact Water Recreation ("REC-2"). The existing beneficial uses for South San Francisco Bay include Industrial Service Supply, Commercial and Sport Fishing, Shellfish Harvesting, Estuarine Habitation, Fish Migration, Preservation of Rare and Endangered Species, Fish Spawning, Wildlife Habitat, Water Contact Recreation, Noncontact Water Recreation, and Navigation. *See* Water Quality Control Plan, San Francisco Basin (Region 2), Chapter 2.

The Receiving Waters are also listed on the State of California's 2010 Clean Water Act Section 303(d) list of impaired waterbodies. A waterbody that is listed as impaired cannot support the designated beneficial uses for that waterbody. Coyote Creek is listed as impaired for diazinon and trash, and Guadalupe River is listed as impaired for diazinon, mercury, and trash. *Id.* San Francisco Bay is listed as impaired for chlordane, dichlorodiphenyltrichloroethane ("DDT"), dieldrin, dioxin compounds, furan compounds, mercury, polychlorinated biphenyls ("PCBs"), selenium, and trash. The pollutants impairing Coyote Creek, the Guadalupe River, and San Francisco Bay are found in discharges of raw and/or inadequately-treated sewage and trash. By discharging raw and/or inadequately-treated sewage, trash, and associated pollutants into the MS4 system that directly leads to waters of the United States in violation of the Clean Water Act, San Jose has contributed to the continuing impairment of these waters.

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[8] Haile RW, Witte JS, Gold M, Cressey R, McGee C, Millikan RC, Glasser A, Harawa N, Ervin C, Harmon P, Harper J, Dermand J, Alamillo J, Barrett K, Nides M, Wang G. The Health Effects of Swimming in Ocean Water Contaminated by Storm Drain Runoff. Epidemiology 10(4):355-63.

IV. CLEAN WATER ACT VIOLATIONS

A. San Jose's Violations of Section C of the MS4 Permit and the Clean Water Act Resulting from Its Failures to Address Trash Load Reduction Requirements

As the MS4 Permit states, "Controlling trash is one of the priorities for this Permit reissuance not only because of the trash discharge prohibition, but also because trash and litter cause particularly major impacts on our enjoyment of creeks and the Bay. There are also significant impacts on aquatic life and habitat in those waters and eventually to the global ocean ecosystem." MS4 Permit, Fact Sheet, Page App I-71. Coyote Creek and Guadalupe River are both listed on the 303(d) list as impaired for trash, which means that the trash levels in these waters exceed water quality standards, and the waterbody is unable to support its designated beneficial uses. Instead of establishing a total maximum daily load ("TMDL") for trash for these waterbodies, the Regional Board included specific requirements to reduce the trash load for all permittees operating under the MS4 Permit. *See* MS4 Permit, Section C.10 ("Trash Load Reduction Provisions").[9]

The MS4 Permit requires San Jose to "demonstrate compliance with Discharge Prohibition A.2 and trash-related Receiving Water Limitations through the timely implementation of control measures and other actions to reduce trash loads from municipal separate storm sewer systems (MS4s) by 40% by July 1, 2014, 70% by July 1, 2017, and 100% by July 1, 2022 as further specified below." MS4 Permit, Fact Sheet, Page App I-74. The Trash Load Reduction Provisions also include specific reporting requirements and deadlines to achieve these trash load reductions. *See* MS4 Permit, Section C.10. As detailed below, San Jose has failed to satisfy these requirements.

a. San Jose's Failure to Develop an Adequate Baseline Trash Load and Trash Reduction Tracking Method in Violation of Section C.10.a.ii. and C.10.d. of the MS4 Permit

The Trash Load Reduction Provisions require San Jose to take two actions by February 1, 2012; both of which San Jose failed to do. First, section C.10.a.ii of the MS4 Permit requires San Jose to determine and submit to the Regional Board the baseline trash load from its MS4 by February 1, 2012. This baseline trash load is intended to serve as the basis for San Jose's trash load reduction calculations. Second, section C.10.a.ii requires San Jose to determine and submit a "trash load reduction tracking method that will be used to account for trash load reduction

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[9] For purposes of the Trash Load Reduction Provisions, "trash" is defined as litter and particles of litter. *See* MS4 Permit, Fact Sheet, Page App I-72. "Litter" is defined in California Government Code section 68055.1(g) to mean "all improperly discarded waste material, including, but not limited to, convenience food, beverage, and other product packages or containers constructed of steel, aluminum, glass, paper, plastic, and other natural and synthetic materials, thrown or deposited on the lands and waters of the state, but not including the properly discarded waste of the primary processing of agriculture, mining, logging, sawmilling, or manufacturing."

actions and to demonstrate progress and attainment of trash load reduction levels." MS4 Permit, Section C.10.a.ii.

San Jose submitted a baseline trash load as part of its Short-Term Trash Load Reduction Plan on February 1, 2012 ("Baseline Trash Load"). However, the Regional Board rejected this baseline, finding that it contained "significant deficiencies" and that its implementation would "not attain the 40 percent trash load reduction level by July 2014."[10] In particular, the Regional Board rejected the Baseline Trash Load because, among other reasons, it attempted to take credit for actions that were already in place before the adoption of the MS4 permit (*i.e.*, plastic bag and polystyrene food container bans) and provided no process for verification or accountability.[11] San Jose has not submitted a revised baseline trash load in response to the Regional Board's rejection of its Baseline Trash Load. Thus, San Jose has never submitted an adequate baseline trash load, as required by the MS4 Permit. Further, since San Jose has not established a baseline trash load, it has also failed to fulfill the MS4 Permit requirement to "report [the Permittee's] percent annual trash load reduction relative to its Baseline Trash Load." *See* MS4 Permit, Section C.10.d.

Similarly, San Jose submitted a trash load reduction tracking method with its Short-Term Trash Load Reduction Plan by February 1, 2012 ("2012 Tracking Method"). However, the Regional Board also rejected the 2012 Tracking Method. Thus, San Jose did not timely submit a trash load reduction tracking method that meets the MS4 Permit requirements.

San Jose submitted a revised trash load reduction tracking method with its Long-Term Trash Load Reduction Plan on February 1, 2014 ("2014 Tracking Method"), two years after the tracking method was originally due. In addition to its untimely submission, the 2014 Tracking Method also did not comply with the MS4 Permit requirements. As a preliminary matter, since San Jose never established an adequate baseline trash load, it is impossible for San Jose to use the 2014 Tracking Method to demonstrate its progress and attainment of the of the 2014, 2017, or 2022 reduction levels.

Moreover, the 2014 Tracking Method does not include a method for quantifying trash load reductions from control methods other than full capture devices. *See* Pilot Trash Assessment Strategy, February 1, 2014, p. 7.[12] Instead, the 2014 Tracking Method will use on-land visual

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[10] Letter from Bruce Wolfe, Executive Officer, Regional Board, to Municipal Regional Stormwater NPDES Permit (Order R2-2009-0074) Permittees, at p. 1 (June 7, 2012), available at: http://www.swrcb.ca.gov/rwqcb2/water_issues/programs/stormwater/MRP/09-04-2012/Staff_Comments_TR.PDF.

[11] *Id.* at pp. 2-10.

[12] "For areas where trash control measures other than full capture devices are implemented, Permittees will illustrate the current trash condition categories on trash loading maps based on on-land observations using the visual assessment protocol. Commensurate trash load reductions for those [Trash Management Areas ('TMAs')] (or portions of TMAs) where changes in conditions categories are observed will be estimated." Pilot Trash Assessment Strategy, February 1, 2014, p. 7.

assessments until the Bay Area Stormwater Management Agencies Association's ("BASMAA") 2014-2016 "Tracking California's Trash" Project develops a method to quantify the level of trash discharged from San Jose's MS4. *Id.* at p. 10. This violates the MS4 Permit for three reasons. First, the trash reduction tracking method was due by February 1, 2012, yet San Jose has delayed and continues to delay the development of the required method for at least four years past this deadline. Second, because the 2014 Tracking Method only includes a mechanism for quantifying some trash reduction that, on its own, cannot achieve the full 40% trash reduction required, the 2014 Tracking Method does not demonstrate progress toward and attainment of the 2014 trash load reduction level required by July 1, 2014. Third, even if the 2014 Tracking Method is revised in 2016 so that San Jose can quantify trash load reductions from control methods other than full capture devices, only one year of such quantification will be insufficient to "demonstrate progress and attainment of [the 2017] trash load reduction level[]," as required by the MS4 Permit.

Information available to Baykeeper indicates that the Baseline Trash Load and the 2012 and 2014 Tracking Methods, as well as subsequent reporting, are inadequate. As such, San Jose is in daily violation of the MS4 Permit. Every day that San Jose operates its MS4 without developing a baseline trash load and trash load reduction tracking method that meets the requirements of the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act. San Jose has been in daily and continuous violation of Section C.10.a.ii of the MS4 Permit every day since at least February 1, 2012. San Jose has been in daily and continuous violation of Section C.10.d of the MS4 Permit every day since at least July 1, 2012. These violations are ongoing. San Jose is subject to penalties for all violations of the Clean Water Act occurring in the five (5) years prior to the date of this Notice Letter.

b. Failure to Submit a Short-Term Trash Load Reduction Plan That Is Designed to Attain the Required Trash Load Reductions in Violation of Section C.10.a.i. of the MS4 Permit

Section C.10.a.i of the MS4 Permit requires San Jose to submit a Short-Term Trash Load Reduction Plan to the Regional Board by February 1, 2012 ("Short-Term Plan"). The Short-Term Plan must describe control measures and best management practices that are "designed to attain a 40% trash load reduction from [San Jose's] MS4 by July 1, 2014." MS4 Permit, Section C.10.a.i.

As discussed above, the Regional Board rejected San Jose's Baseline Trash Load and the 2012 Tracking Method submitted in its Short-Term Plan. *See* City of San Jose, Clean Waterways, Healthy City: Long-Term Trash Load Reduction Plan and Assessment Strategy Appendix B, p. 81. San Jose never submitted a revised baseline trash load, and the revised 2014 Tracking Method is also inadequate, as described above. As a result, the Short-Term Plan was not originally designed, and has not been revised, to attain the required 40% trash load reduction.

Information available to Baykeeper indicates that San Jose's Short-Term Plan is inadequate and fails to comply with the MS4 Permit. San Jose has been in daily and continuous violation of Section C.10.a.i of the MS4 Permit every day since at least February 1, 2012. These

violations are ongoing. Every day that San Jose operates its MS4 without a Short-Term Plan that meets the requirements of the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act. San Jose is subject to penalties for all violations of the Clean Water Act occurring in the five (5) years prior to the date of this Notice Letter.

c. Failure to Submit a Long-Term Trash Load Reduction Plan That Is Designed to Attain the Required Trash Load Reductions in Violation of Section C.10.c.

Section C.10.c of the MS4 Permit requires San Jose to submit a Long-Term Trash Load Reduction Plan to the Regional Board by February 1, 2014. This plan must describe control measures and best management practices that are "designed to attain a 70% trash load reduction from [San Jose's] MS4 by July 1, 2017, and 100% by July 1, 2022." MS4 Permit, Section C.10.c.

San Jose submitted its Clean Waterways, Healthy City: Long-Term Trash Load Reduction Plan and Assessment Strategy ("Long-Term Plan") to the Regional Board by February 1, 2014. The Long-Term Plan included by reference a SCVURPPP Pilot Trash Assessment Strategy that SCVURPPP developed on behalf of the City and other Santa Clara Valley Permittees. Long-Term Plan, p. 70. However, the Long-Term Plan is not designed to attain a 70% trash load reduction by 2017 or 100% trash load reduction by 2022 from San Jose's MS4, as required by Section C.10.c of the MS4 Permit, for at least two reasons.

First, the Long-Term Plan is designed to generally reduce trash from the San Jose MS4 without reference to any amount of or timeline for trash reduction. The Long-Term Plan generally states that the ultimate goals of stormwater trash management are to "reduce the impacts of trash associated with MS4s on receiving waters" and to "significantly reduce the amount of trash found in receiving waters," but does not include any calculations or analyses regarding specifically meeting the 70% or 100% reduction requirements in the MS4 Permit.[13] Further, although some trash reduction measures, including full capture devices and other methods, are specified in the Long-Term Plan, the amount of trash reduction expected from each method is never quantified. Thus, the Long-Term Plan fails to meet the MS4 Permit's requirements to demonstrate that it was "designed to attain a 70% trash load reduction from its MS4 by July 1, 2017, and 100% by July 1, 2022."

In fact, the Long-Term Plan includes only one deadline, which shows that the plan cannot, in all likelihood, attain the 70% trash load reduction by 2017. In the Long-Term Plan, San Jose identifies specific trash reduction measures for only 14 of its 47 Trash Management Areas ("TMAs"). The Long-Term Plan projects that San Jose will complete the additional prioritization, analysis, and programming for the remaining 33 TMAs, 70% of the TMAs, by

[13] Furthermore, in addition to barely mentioning the MS4 Permit numeric reduction requirements, the Long-Term Plan inaccurately summarizes the 100% reduction requirement with the phrase "No Visual Impact," and the associated Pilot Trash Assessment Strategy misstates this requirement as "to a point of 'no adverse impacts' to water bodies by 2022." *See* Long-Term Plan, p. 1.

July 2016. Thus, the City will have approximately one year – an unreasonable and unrealistic timeframe - to implement trash reduction measures for 70% of the TMAs before it must attain the 70% trash load reduction level. Further, because San Jose did not include any numeric estimates of the amount of trash reduction from the control measures actually proposed in the Long-Term Plan, the Plan does not provide any evidence that the City can reach the 70% reduction goal without the reductions from the 33 TMAs that will not have measures in place until at least 2016. Thus, the Long-Term Plan fails to include specific measures that will ensure that the City will reach its 70% trash load reduction target by July 1, 2017, as required by the MS4 Permit. MS4 Permit, Section C.10.c.

Second, the Long-Term Plan was not designed to attain specific numeric trash load reductions, but instead is intended to serve as a pilot program to "evaluate the utility of different assessment methods to demonstrate progress towards trash reduction targets and provide recommended approaches for long-term implementation." Long-Term Plan, p. 75. Thus, the stated purpose of the Long-Term Plan is to produce a "Long-Term Trash Assessment Strategy" that San Jose will implement in 2017. However, the MS4 Permit requires that San Jose adequately design the Long-Term Plan to attain the 70% and 100% trash load reductions; delaying such planning until 2017 violates Section C.10.c of the MS4 Permit.

Information available to Baykeeper indicates that San Jose's Long-Term Plan is inadequate and fails to comply with the MS4 Permit. San Jose has been in daily and continuous violation of Section C.10.c. of the MS4 Permit every day since at least February 1, 2014. Every day that San Jose operates its MS4 without a Long-Term Plan that meets the requirements of the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act. These violations are ongoing. San Jose is subject to penalties for all violations of the Clean Water Act occurring in the five (5) years prior to the date of this Notice Letter.

d. <u>San Jose's Failure to Submit Proper Documentation of Hot Spot Selections in Violation of Section C.10.b.ii.</u>

Section C.10.b.ii of the MS4 Permit requires San Jose to identify high trash-impacted locations on State waters ("Hot Spots") and submit the selected Hot Spots to the Regional Board by July 1, 2010. Each Hot Spot must be a minimum of 100 yards along a creek or 200 yards along a shoreline. MS4 Permit, Section C.10.b.i. The MS4 Permit requires that San Jose submit photo documentation of each Hot Spot, at least one photo per 50 feet, and initial assessment results for the proposed Hot Spots. MS4 Permit, Section C.10.b.ii.

San Jose submitted its Hot Spot selections as part of the SCVURPPP Final Report, dated July 1, 2010. For each Hot Spot, San Jose included the location, trash pathways/sources, agency contact, and one photograph. Given that Hot Spots must be at least 100 yards of creek length or 200 yards of shoreline length, San Jose was required to submit at least six photographs of each Hot Spot on a creek and at least twelve photographs for each Hot Spot on a shoreline. MS4 Permit, Section C.10.b.i-ii. San Jose failed to meet this requirement. San Jose also did not submit "initial assessment results" for any of the proposed Hot Spots. *Id.* at section C.10.b.ii. San Jose's

failure to provide proper documentation of its Hot Spots is a violation of Section C.10.b.ii of the MS4 Permit.

Information available to Baykeeper indicates that San Jose's submitted Hot Spot selections are inadequate and fail to comply with the MS4 Permit. San Jose has been in daily and continuous violation of Section C.10.b.ii of the MS4 Permit every day since at least July 1, 2010. Every day San Jose operates its MS4 without submitting the necessary Hot Spot documentation as required by the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act. These violations are ongoing. San Jose is subject to penalties for all violations of the Clean Water Act occurring in the five (5) years prior to the date of this Notice Letter.

e. San Jose's Failure to Adequately Report Hot Spot Clean-Ups in Violation of Section C.10.b.iii.

The MS4 Permit requires San Jose to clean its 32 designated Hot Spots annually to a level of "no visual impact." MS4 Permit, Section C.10.b.i. Section C.10.b.iii of the MS4 Permit also requires San Jose to provide documentation of these clean-ups in its Annual Reports, including "the trash condition before and after clean-up of the entire hot spot using photo documentation with a minimum of one photo per 50 feet of hot spot length." MS4 Permit, Section C.10.b.iii.

San Jose has never provided the required photo documentation in its Annual Reports, in violation of Section C.10.b.iii of the MS4 Permit. The only photographs of the Hot Spot clean-ups San Jose has ever provided are in its 2009-2010 Annual Report, but even this Annual Report included photographs for only 6 of the 32 Hot Spots. None of San Jose's other Annual Reports, nor any other documents submitted to the Regional Board, included any photographs of San Jose's Hot Spots before or after clean-up.

Information available to Baykeeper indicates that San Jose's Hot Spot reporting is inadequate and fails to comply with the MS4 Permit. San Jose has been in daily and continuous violation of Section C.10.b.iii of the MS4 Permit every day since at least July 1, 2010. Every day San Jose operates its MS4 without documenting its Hot Spot clean-up as required by the MS4 Permit is a separate and distinct violation of the MS4 Permit and the Clean Water Act. These violations are ongoing. San Jose is subject to penalties for all violations of the Clean Water Act occurring in the five (5) years prior to the date of this Notice Letter.

B. San Jose's Discharges of Sewage to and from the San Jose MS4 in Violation of Discharge Prohibition A.1 of the MS4 Permit and the Clean Water Act

The MS4 Permit contains prohibitions and limitations on the discharge of pollutants into and from the San Jose MS4. *See* MS4 Permit, Discharge Prohibition A.1. Discharge Prohibition A.1 of the MS4 Permit requires that San Jose effectively prohibit discharges of non-stormwater into the San Jose MS4. Discharge Prohibition A.1 of the MS4 Permit also requires that San Jose effectively prohibit discharges of non-stormwater from the San Jose MS4 to watercourses. As explained below, San Jose has violated and continues to violate this provision by failing to

effectively prohibit the discharge of non-stormwater in the form of SSOs from the Collection System into the San Jose MS4, by failing to effectively prohibit the exfiltration of sewage from the Collection System to the MS4, and by failing to effectively prohibit the discharge of sewage that reaches the MS4 either through SSOs or exfiltration to the Receiving Waters.

San Jose's SSO reports submitted to the State Board, Regional Board indicate that San Jose has discharged SSOs from its Collection System into the San Jose MS4 on at least 566 separate occasions in the five (5) years prior to the date of this Notice Letter. *See* Exhibit B.[14] San Jose violates Discharge Prohibition A.1 of the MS4 Permit and the Clean Water Act each day and/or occasion an SSO from the Collection System or private lateral enters the San Jose MS4.

Information available to Baykeeper indicates that San Jose has been underreporting and/or misreporting the number of SSOs, including those that enter the San Jose MS4 from the Collection System or private laterals. Baykeeper puts San Jose on notice that each discharge of sewage in the form of SSOs into the San Jose MS4 in the last five (5) years, whether specifically reported or not, will be included in this enforcement action. Baykeeper will include additional violations when such information becomes available.

Information available to Baykeeper indicates that sewage exfiltrates from the Collection System and enters the San Jose MS4 every day. In the City's system, there is a high risk of exfiltration to the San Jose MS4 wherever a compromised sewer pipe is located above and within five meters laterally of a compromised section of storm drain pipe. Sewage that enters the storm drain pipe via exfiltration is a non-stormwater discharge to the MS4 that the City of San Jose is not effectively prohibiting as required by the MS4 Permit.

Information available to Baykeeper indicates that sewage and its associated pollutants that reach the San Jose MS4 is discharged to watercourses in violation of Discharge Prohibition A.1 of the MS4 Permit. These illegal discharges occur when SSOs and the associated pollutants travel through the MS4 to watercourses. They also occur when sewage that enters the MS4 via exfiltration is subsequently discharged to watercourses. Information available to Baykeeper indicates that the City's program for prohibiting sewage from discharging from the MS4 to watercourses is not effective.

San Jose's discharges of SSOs from the Collection System into the San Jose MS4 are ongoing and continuous. San Jose's discharges of sewage via exfiltration to the San Jose MS4 are ongoing and continuous. San Jose's discharges of sewage from the San Jose MS4, whether from SSOs or exfiltration to watercourses, are ongoing and continuous. Each of these discharges is itself a violation of in violation of Discharge Prohibition A.1 of the MS4 Permit. In addition, these discharges demonstrate that San Jose fails to effectively prohibit discharges into and from its MS4 as required by the MS4 Permit. San Jose has therefore been in daily and continuous violation of Discharge Prohibition A.1 of the MS4 Permit every day since at least November 24,

[14] Exhibit B sets forth the SSOs from the Collection System that reached the MS4, as indicated in San Jose's SSO reports submitted to the State Board and Regional Board.

2009. Each day and/or occasion that San Jose has discharged and continues to discharge non-stormwater into or from the San Jose MS4 in violation of the MS4 Permit's Discharge Prohibition A.1 is a separate and distinct violation of the Clean Water Act. San Jose's violations will continue each day and/or occasion that San Jose fails to effectively prohibit the discharge of sewage to or from the San Jose MS4 in violation of the requirements of the MS4 Permit and the Clean Water Act. San Jose is subject to penalties for all violations of the Clean Water Act occurring in the five (5) years prior to the date of this Notice Letter.

C. San Jose's Discharges of Rubbish, Refuse, and Other Solid Wastes in Violation of Discharge Prohibition A.2 of the MS4 Permit and the Clean Water Act

Discharge Prohibition A.2 of the MS4 Permit prohibits the discharge of "rubbish, refuse, bark, sawdust, or other solid wastes into surface waters or at any place where they would contact or where they would be eventually transported to surface waters, including flood plain areas." As stated in the MS4 Permit Fact Sheet, "Permittees shall demonstrate compliance with Discharge Prohibition A.2 and trash-related Receiving Water Limitations through the timely implementation of control measures and other actions to reduce trash loads from municipal separate storm sewer systems (MS4s) by 40% by 2014, 70% by 2017, and 100% by 2022 as further specified below." MS4 Permit, Fact Sheet, Page App I-74.

As discussed above, San Jose has failed to timely implement the control measures and other actions required by the MS4 Permit to reduce trash loads from the San Jose MS4, including (1) its failure to develop an adequate baseline trash load and trash reduction tracking method in violation of Section C.10.a.ii; (2) its failure to submit a Short-Term Plan or Long Term Plan designed to attain the required trash load reductions in violation of Sections C.10.a.i and C.10.c; (3) its failure to submit proper documentation of Hot Spot selections in violation of Section C.10.b.ii; and (4) its failure to adequately report Hot Spot clean-ups in violation of Section C.10.b.iii. As such, San Jose's failure to properly implement the Trash Load Reduction Provisions in Section C.10 constitutes a violation of Discharge Prohibition A.2.

San Jose's failure to properly implement the Trash Load Reduction Provisions and the resulting discharges of rubbish, refuse, and other solid waste into surface waters or at any place where they would contact or where they would eventually be transported to surface waters are ongoing and continuous. Each of these discharges is itself a violation of Discharge Prohibition A.2 of the MS4 Permit. San Jose's violations will continue each day and/or occasion that San Jose discharges rubbish, refuse, and other solid waste into surface waters or at any place where they would contact or where they would be eventually transported to surface waters in violation of the requirements of the MS4 Permit and the Clean Water Act. San Jose is subject to penalties for all violations of the Clean Water Act occurring in the five (5) years prior to the date of this Notice Letter.

D. San Jose's Discharges of Polluted Water in Violation of Receiving Water Limitations B.1 and B.2 of the MS4 Permit and the Clean Water Act

Receiving Water Limitation B.1 of the MS4 Permit prohibits discharges that cause enumerated conditions to create a condition of nuisance or to adversely affect beneficial uses of State waters. Discharges that create a condition of nuisance or adversely affect beneficial uses of waters of the State constitute violations of Receiving Water Limitation B.1 and the Clean Water Act. Receiving Water Limitation B.2 of the MS4 Permit prohibits discharges that cause or contribute to a violation of any applicable water quality standard for receiving waters.[15] Discharges that contain pollutants in excess of an applicable water quality standard violate Receiving Water Limitation B.2 and the Clean Water Act.

Available data demonstrates that discharges from the San Jose MS4 contain elevated concentrations of pollutants such as total coliform, fecal coliform, and enterococci at levels exceeding applicable water quality standards by orders of magnitude. *See, e.g.*, Exhibit C (table listing results of water quality monitoring; *see also* Basin Plan, Tables 3-1 and 3-2). Discharges with elevated levels of bacteria and other pollutants adversely affect the beneficial uses of the Receiving Waters, and thus violate Receiving Water Limitation B.1.

Further, San Jose's discharges from its MS4 outfalls with concentrations of pollutants such as total coliform, fecal coliform, and enterococci that exceed water quality standards demonstrate that San Jose's discharges cause or contribute to a violation of an applicable water quality standard, in violation of Receiving Water Limitation B.2.

Information available to Baykeeper indicates that the discharges from the San Jose MS4 violate Receiving Water Limitations B.1 and/or B.2 every time discharges from the MS4 contain concentrations of pollutants that exceed applicable water quality standards. These violations are ongoing and will continue each time contaminated water is discharged in violation of the Receiving Water Limitations of the MS4 Permit. Each time discharges from the San Jose MS4 adversely affect beneficial uses of waters of the State is a separate and distinct violation of Receiving Water Limitation B.1 of the MS4 Permit and Section 301(a) of the Clean Water Act, 33 U.S.C. §1311(a). Each time discharges from the San Jose MS4 cause or contribute to a violation of an applicable WQS is a separate and distinct violation of Receiving Water Limitation B.2 of the MS4 Permit and Section 301(a) of the Clean Water Act, 33 U.S.C. §1311(a). San Jose is subject to penalties for all violations of the Clean Water Act occurring in the five (5) years prior to the date of this Notice Letter.

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[15] Water Quality Standards include pollutant concentration levels determined by the State Water Resources Control Board and the EPA to be protective of the Beneficial Uses of the receiving waters. Discharges above Water Quality Standards contribute to the impairment of the receiving waters' Beneficial Uses. Applicable Water Quality Standards include, among others, those set out in the San Francisco Bay Basin (Region 2) Water Quality Control Plan ("Basin Plan") (California Regional Water Quality Control Board, San Francisco Bay Region, Rev. Dec. 2011) and the Criteria for Priority Toxic Pollutants in the State of California, 40 C.F.R. § 131.38 ("CTR").

V. RELIEF AND PENALTIES SOUGHT FOR VIOLATIONS OF THE CLEAN WATER ACT

Pursuant to Section 309(d) of the Clean Water Act, 33 U.S.C. § 1319(d), and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4, each separate violation of the Clean Water Act subjects the violator to a penalty for all violations occurring during the period commencing five (5) years prior to the date of a notice of intent to file suit letter. These provisions of law authorize civil penalties of up to $37,500 per day per violation for all Clean Water Act violations. In addition to civil penalties, Baykeeper will seek injunctive relief preventing further violations of the Clean Water Act pursuant to Sections 505(a) and (d), 33 U.S.C. §1365(a) and (d), declaratory relief, and such other relief as permitted by law. Lastly, pursuant to Section 505(d) of the Clean Water Act, 33 U.S.C. § 1365(d), Baykeeper will seek to recover its costs, including attorneys' and experts' fees, associated with this enforcement action.

VI. CONCLUSION

Upon expiration of the 60-day notice period, Baykeeper will file a citizen suit enforcement action pursuant to Section 505(a) of the Clean Water Act for the above-referenced violations. During the 60-day notice period, however, Baykeeper is eager to discuss effective remedies for the violations noted in this letter. If San Jose wishes to pursue such discussions in the absence of litigation, please contact me at your earliest convenience at 415-856-0444 x107 or at sejal@baykeeper.org. We hope to set up a meeting within the next 14 days so that we may come to an agreement prior to the end of the 60-day notice period.

Sincerely,

Sejal Choksi-Chugh
Program Director
San Francisco Baykeeper

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EXHIBIT A

Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2009.11.29 14.15.00	2009.11.29 17.00.00	37.348486	-121.855581	747430
2009.11.29 15.30.00	2009.11.29 17.45.00	37.324389	-121.885253	747431
2009.11.30 16.50.00	2009.11.30 20.00.00	37.313889	-121.824444	747432
2009.12.02 19.46.00	2009.12.02 21.05.00	37.296111	-121.845556	747433
2009.12.03 15.30.00	2009.12.03 20.40.00	37.346606	-121.889283	747434
2009.12.03 18.31.00	2009.12.03 20.00.00	37.289575	-121.871628	747435
2009.12.06 15.37.00	2009.12.06 16.35.00	37.350347	-121.855392	747437
2009.12.06 17.20.00	2009.12.06 20.35.00	37.282964	-121.886958	747438
2009.12.07 17.46.00	2009.12.07 20.20.00	37.208467	-121.830314	747440
2009.12.09 18.10.00	2009.12.09 21.01.00	37.357325	-121.804503	747457
2009.12.11 19.31.00	2009.12.11 20.14.00	37.328431	-121.778006	748004
2009.12.11 16.00.00	2009.12.11 19.15.00	37.312764	-121.894711	748005
2009.12.14 21.30.00	2009.12.14 22.30.00	37.394292	-121.832225	748006
2009.12.15 08.33.00	2009.12.15 12.00.00	37.284633	-121.838186	748007
2009.12.17 19.25.00	2009.12.17 20.45.00	37.271214	-121.917831	748008
2009.12.20 16.35.00	2009.12.20 18.00.00	37.269903	-121.896203	748009
2009.12.18 15.10.00	2009.12.18 17.00.00	37.372806	-121.814289	748010
2009.12.14 14.43.00	2009.12.14 16.50.00	37.397519	-121.84915	748012
2009.12.22 08.55.00	2009.12.22 10.00.00	37.357422	-121.808781	748152
2009.12.28 09.31.00	2009.12.28 10.45.00	37.270861	-121.806514	748153
2009.12.28 10.27.00	2009.12.28 11.55.00	37.287947	-121.987042	748155
2009.12.28 09.20.00	2009.12.28 10.30.00	37.220414	-121.769306	748156
2009.12.29 09.13.00	2009.12.29 11.15.00	37.297528	-121.804475	748158
2009.12.29 11.45.00	2009.12.29 12.55.00	37.393514	-121.833936	748159
2009.12.30 20.35.00	2009.12.30 21.16.00	37.313347	-121.92145	748160
2009.12.31 09.53.00	2009.12.31 11.25.00	37.321542	-121.820364	748161
2010.01.05 10.05.00	2010.01.05 12.05.00	37.270483	-121.804989	748182

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.01.04 20.15.00	2010.01.04 21.15.00	37.263833	-121.826744	748677
2010.01.11 16.47.00	2010.01.11 18.00.00	37.403531	-121.857717	748679
2010.01.11 21.23.00	2010.01.11 22.00.00	37.306378	-121.922889	748680
2010.01.20 14.27.00	2010.01.20 19.00.00	37.245169	-121.930922	748681
2010.01.24 15.50.00	2010.01.24 19.50.00	37.300603	-121.805517	749298
2010.01.24 16.00.00	2010.01.24 18.30.00	37.385883	-121.879961	749300
2010.01.28 21.36.00	2010.01.28 22.45.00	37.389867	-121.874378	749301
2010.01.29 11.22.00	2010.01.29 12.30.00	37.307811	-122.022194	749302
2010.02.03 10.48.00	2010.02.03 11.55.00	37.400039	-121.878192	749304
2010.02.04 15.06.00	2010.02.04 16.45.00	37.260131	-121.797064	749306
2010.02.05 17.40.00	2010.02.05 19.40.00	37.35245	-121.824217	749307
2010.02.05 16.00.00	2010.02.05 22.50.00	37.250072	-121.880353	749308
2010.02.06 15.38.00	2010.02.06 18.35.00	37.319186	-121.901025	749310
2010.02.06 18.50.00	2010.02.06 21.00.00	37.358272	-121.908075	749311
2010.02.06 15.38.00	2010.02.06 17.15.00	37.307133	-121.916422	749312
2010.02.07 17.50.00	2010.02.07 19.00.00	37.337392	-121.911086	749313
2010.02.09 14.45.00	2010.02.09 16.30.00	37.220692	-121.868172	749318
2010.01.17 18.10.00	2010.01.17 22.40.00	37.294167	-121.838889	749420
2010.02.04 13.10.00	2010.02.04 14.30.00	37.313997	-121.98395	749844
2010.02.04 09.30.00	2010.02.04 10.30.00	37.273436	-121.926864	749845
2010.02.13 14.45.00	2010.02.13 16.30.00	37.344361	-121.931558	749846
2010.02.13 19.18.00	2010.02.13 21.30.00	37.276111	-121.909444	749848
2010.02.13 12.00.00	2010.02.13 15.30.00	37.284036	-121.833858	749850
2010.02.15 15.40.00	2010.02.15 17.05.00	37.311944	-121.791111	749851
2010.02.15 21.25.00	2010.02.15 22.55.00	37.299722	-121.936944	749852
2010.02.18 22.03.00	2010.02.18 22.50.00	37.307267	-121.808731	749853
2010.02.18 20.45.00	2010.02.18 22.00.00	37.297497	-121.917081	749854

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.02.18 15.45.00	2010.02.18 17.45.00	37.273794	-121.921836	749856
2010.02.20 11.09.00	2010.02.20 12.15.00	37.267133	-121.904325	749857
2010.02.20 17.35.00	2010.02.20 19.25.00	37.292569	-121.975847	749858
2010.03.02 10.27.00	2010.03.02 13.00.00	37.400833	-121.829444	750043
2010.02.25 17.35.00	2010.02.25 19.00.00	37.350014	-121.825894	750044
2010.02.25 20.10.00	2010.02.25 22.25.00	37.336925	-121.927031	750046
2010.02.27 19.00.00	2010.02.27 20.40.00	37.327111	-121.834467	750049
2010.03.06 20.15.00	2010.03.06 21.00.00	37.304333	-121.782747	750784
2010.03.09 17.48.00	2010.03.09 18.35.00	37.364461	-121.860006	750785
2010.03.11 18.39.00	2010.03.11 21.10.00	37.350283	-121.825569	750786
2010.03.11 19.50.00	2010.03.11 23.40.00	37.323169	-121.833931	750787
2010.03.11 11.35.00	2010.03.11 12.29.00	37.260231	-121.940019	750788
2010.03.13 02.29.00	2010.03.13 04.30.00	37.321111	-121.829722	750789
2010.03.14 21.20.00	2010.03.14 22.35.00	37.353067	-121.836075	750790
2010.03.14 15.37.00	2010.03.14 18.10.00	37.281497	-121.981075	750791
2010.03.15 16.42.00	2010.03.15 17.30.00	37.322347	-121.852094	750792
2010.03.15 17.30.00	2010.03.15 18.35.00	37.365667	-121.84275	750793
2010.03.20 16.45.00	2010.03.20 18.25.00	37.329939	-121.833786	751276
2010.03.21 15.06.00	2010.03.21 17.30.00	37.357222	-121.801667	751278
2010.03.21 13.38.00	2010.03.21 17.45.00	37.293611	-121.898611	751279
2010.03.22 16.00.00	2010.03.22 17.34.00	37.340981	-121.880392	751280
2010.03.24 19.02.00	2010.03.24 21.00.00	37.350556	-121.872222	751281
2010.03.25 16.12.00	2010.03.25 17.30.00	37.350378	-121.825378	751282
2010.03.25 18.06.00	2010.03.25 19.10.00	37.279722	-121.880278	751283
2010.03.28 10.25.00	2010.03.28 11.55.00	37.289575	-121.871628	751285
2010.03.30 22.06.00	2010.03.30 23.00.00	37.296617	-121.759967	751286
2010.03.31 18.45.00	2010.03.31 20.45.00	37.348578	-121.802494	751287

EXHIBIT A

Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.03.21 08.55.00	2010.03.21 09.55.00	37.408333	-121.852222	751289
2010.03.29 16.45.00	2010.03.29 18.00.00	37.207233	-121.858814	751292
2010.04.01 20.50.00	2010.04.01 22.00.00	37.355786	-121.801875	751924
2010.04.04 11.00.00	2010.04.04 12.30.00	37.346872	-121.815942	751925
2010.04.05 18.59.00	2010.04.05 20.50.00	37.354575	-121.835308	751926
2010.04.05 15.00.00	2010.04.05 17.10.00	37.301492	-122.030494	751927
2010.04.06 14.11.00	2010.04.06 17.41.00	37.408639	-121.867442	751929
2010.04.08 11.00.00	2010.04.08 13.00.00	37.340022	-121.867478	751930
2010.04.12 12.30.00	2010.04.12 16.00.00	37.297928	-121.955592	751931
2010.04.14 19.11.00	2010.04.14 20.00.00	37.300225	-121.839461	751932
2010.04.22 22.30.00	2010.04.22 23.35.00	37.349461	-121.839878	752398
2010.04.24 20.30.00	2010.04.24 22.00.00	37.297231	-121.997031	752399
2010.04.25 10.32.00	2010.04.25 11.33.00	37.279167	-121.747778	752400
2010.04.25 17.30.00	2010.04.25 22.20.00	37.299303	-121.96155	752401
2010.04.27 19.00.00	2010.04.27 20.20.00	37.378481	-121.849542	752402
2010.04.27 23.30.00	2010.04.28 01.10.00	37.260294	-121.797069	752403
2010.04.30 22.50.00	2010.05.01 00.55.00	37.321317	-121.983061	752404
2010.05.02 13.25.00	2010.05.02 14.40.00	37.352222	-121.862222	752405
2010.05.03 19.15.00	2010.05.03 21.30.00	37.344569	-121.821281	752406
2010.05.06 08.55.00	2010.05.06 10.00.00	37.244997	-121.863433	752407
2010.05.08 17.28.00	2010.05.08 19.00.00	37.294575	-121.997975	752408
2010.05.07 09.15.00	2010.05.07 10.30.00	37.345203	-121.803228	752828
2010.05.14 20.56.00	2010.05.14 23.58.00	37.299661	-121.952272	752829
2010.05.20 08.18.00	2010.05.20 12.00.00	37.276319	-121.894347	752830
2010.05.21 17.02.00	2010.05.21 18.40.00	37.289425	-121.828086	752831
2010.05.22 12.00.00	2010.05.22 13.45.00	37.243669	-121.912817	752833
2010.05.27 09.26.00	2010.05.27 10.25.00	37.320414	-121.834839	752835

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.06.01 10.30.00	2010.06.01 14.30.00	37.363286	-121.810258	754139
2010.06.02 14.30.00	2010.06.02 17.35.00	37.332286	-121.883778	754141
2010.06.03 20.15.00	2010.06.03 21.10.00	37.408614	-121.855006	754144
2010.06.07 12.00.00	2010.06.07 13.50.00	37.327367	-121.824244	754147
2010.06.07 10.00.00	2010.06.07 11.40.00	37.406839	-121.877047	754152
2010.06.10 13.55.00	2010.06.10 15.00.00	37.349108	-121.859114	754153
2010.06.11 08.40.00	2010.06.11 09.30.00	37.206272	-121.873517	754156
2010.06.12 10.30.00	2010.06.12 12.30.00	37.407592	-121.936703	754157
2010.06.13 16.45.00	2010.06.13 17.45.00	37.240075	-121.917608	754159
2010.06.14 08.00.00	2010.06.14 09.30.00	37.391875	-121.921811	754160
2010.06.14 21.25.00	2010.06.14 22.00.00	37.380619	-121.839869	754162
2010.07.03 12.45.00	2010.07.03 14.15.00	37.333983	-121.805703	754406
2010.06.04 10.00.00	2010.06.04 12.00.00	37.316247	-121.919444	754767
2010.06.14 14.20.00	2010.06.14 16.30.00	37.348086	-121.832844	754768
2010.06.15 11.00.00	2010.06.15 12.30.00	37.358003	-121.845111	754771
2010.06.21 11.03.00	2010.06.21 12.55.00	37.349556	-121.835939	754774
2010.06.24 12.15.00	2010.06.24 14.00.00	37.344569	-121.821261	754971
2010.06.22 13.25.00	2010.06.22 14.55.00	37.322747	-121.878681	754972
2010.06.14 11.32.00	2010.06.14 14.15.00	37.321058	-121.975592	754973
2010.07.22 13.33.00	2010.07.22 14.30.00	37.392942	-121.877122	755437
2010.06.30 16.40.00	2010.06.30 18.20.00	37.354342	-121.798078	755438
2010.07.05 1748.00	2010.07.05 19.00.00	37.283758	-121.913775	755439
2010.07.03 00.30.00	2010.07.03 02.30.00	37.364386	-121.858936	755440
2010.07.08 10.40.00	2010.07.08 13.30.00	37.298617	-122.011669	755441
2010.07.10 18.37.00	2010.07.10 19.50.00	37.241039	-121.814883	755730
2010.07.12 12.00.00	2010.07.12 14.25.00	37.396889	-121.817414	755732
2010.07.18 19.45.00	2010.07.18 20.50.00	37.260328	-121.797347	755734

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.07.26 10.40.00	2010.07.26 13.30.00	37.303575	-121.860947	755735
2010.07.10 16.54.00	2010.07.10 23.25.00	37.300353	-121.926317	755736
2010.07.10 11.30.00	2010.07.10 13.30.00	37.257292	-121.947506	755737
2010.07.20 11.30.00	2010.07.20 13.30.00	37.241508	-121.898922	755738
2010.07.20 21.07.00	2010.07.20 22.30.00	37.380003	-121.875278	755740
2010.07.20 17.01.00	2010.07.20 19.45.00	37.358964	-121.835883	755741
2010.07.27 09.00.00	2010.07.27 10.15.00	37.249828	-121.890083	756466
2010.08.03 23.10.00	2010.08.04 02.30.00	37.337394	-121.792842	756469
2010.07.30 11.30.00	2010.07.30 12.30.00	37.413817	-121.961497	756471
2010.08.08 10.50.00	2010.08.08 11.50.00	37.369722	-121.842503	756472
2010.08.06 14.10.00	2010.08.06 15.00.00	37.230481	-121.767619	756473
2010.08.15 11.30.00	2010.08.15 12.30.00	37.293614	-121.980583	756474
2010.08.15 15.25.00	2010.08.15 17.00.00	37.384778	-121.828667	756475
2010.08.25 21.08.00	2010.08.26 00.30.00	37.315708	-121.800961	756848
2010.08.25 21.02.00	2010.08.25 22.00.00	37.365706	-121.842403	756849
2010.08.17 18.00.00	2010.08.17 21.40.00	37.296267	-121.827464	756852
2010.08.27 09.08.00	2010.08.27 09.35.00	37.341264	-121.821317	756853
2010.08.28 11.00.00	2010.08.28 13.30.00	37.318158	-121.922356	756854
2010.08.25 11.30.00	2010.08.25 15.00.00	37.336825	-121.905844	756856
2010.08.30 00.39.00	2010.08.30 05.00.00	37.273264	-121.814161	756857
2010.08.28 15.08.00	2010.08.28 17.11.00	37.325178	-121.836669	756860
2010.09.05 18.00.00	2010.09.10 12.30.00	37.313611	-121.903531	756979
2010.09.11 08.00.00	2010.09.11 09.45.00	37.411444	-121.861617	757467
2010.09.15 23.30.00	2010.09.16 01.30.00	37.270153	-121.808947	757469
2010.09.13 18.05.00	2010.09.13 20.00.00	37.320411	-121.896722	757470
2010.09.25 11.15.00	2010.09.25 12.10.00	37.319675	-121.916892	758050
2010.09.27 19.50.00	2010.09.27 20.30.00	37.33885	-121.795047	758052

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.09.28 09.00.00	2010.09.28 09.30.00	37.281122	-121.758672	758053
2010.10.04 17.00.00	2010.10.04 18.15.00	37.242628	-121.819717	758054
2010.10.09 09.00.00	2010.10.09 13.35.00	37.298583	-121.801094	758055
2010.10.13 13.14.00	2010.10.13 15.00.00	37.418622	-121.862211	758056
2010.10.31 13.30.00	2010.10.31 15.30.00	37.274092	-121.759347	758331
2010.10.19 11.00.00	2010.10.19 12.15.00	37.317158	-121.890694	758592
2010.10.24 12.00.00	2010.10.24 13.10.00	37.283322	-121.835903	758593
2010.10.26 09.35.00	2010.10.26 10.00.00	37.307483	-121.921967	758594
2010.10.26 18.51.00	2010.10.26 20.15.00	37.310442	-121.886411	758596
2010.10.26 18.04.00	2010.10.26 18.45.00	37.345417	-121.931303	758597
2010.10.27 15.00.00	2010.10.27 19.00.00	37.382192	-121.933331	758598
2010.10.30 14.00.00	2010.10.30 14.55.00	37.242547	-121.913953	758599
2010.11.01 08.00.00	2010.11.01 09.35.00	37.365044	-121.860594	758600
2010.11.01 08.00.00	2010.11.01 10.00.00	37.275219	-121.819319	758601
2010.11.01 21.15.00	2010.11.01 21.35.00	37.217906	-121.873706	758603
2010.11.01 07.00.00	2010.11.01 12.00.00	37.433939	-121.968303	758606
2010.11.04 11.00.00	2010.11.04 11.05.00	37.302817	-121.908403	758608
2010.11.06 08.30.00	2010.11.06 09.45.00	37.362244	-121.862028	758610
2010.11.06 10.00.00	2010.11.06 11.45.00	37.259081	-121.878347	758613
2010.10.27 12.15.00	2010.10.27 12.45.00	37.364647	-121.867594	758886
2010.11.12 09.30.00	2010.11.12 10.30.00	37.264292	-121.906581	758888
2010.11.12 07.30.00	2010.11.12 08.34.00	37.400942	-121.862192	758890
2010.11.13 15.27.00	2010.11.13 17.45.00	37.287725	-121.99215	758891
2010.11.13 09.30.00	2010.11.13 11.45.00	37.403358	-121.881872	759286
2010.11.15 08.00.00	2010.11.15 09.00.00	37.320275	-121.834611	759287
2010.11.15 09.35.00	2010.11.15 10.32.00	37.320453	-121.982778	759289
2010.11.19 07.00.00	2010.11.19 09.30.00	37.300564	-121.921278	759291

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.11.24 13.00.00	2010.11.24 15.00.00	37.400906	-121.87975	759292
2010.11.29 09.00.00	2010.11.29 10.30.00	37.285028	-121.970097	759293
2010.11.30 10.05.00	2010.11.30 10.45.00	37.389864	-121.874397	759294
2010.12.02 11.00.00	2010.12.02 11.50.00	37.289994	-121.909558	759295
2010.12.18 07.30.00	2010.12.18 12.30.00	37.219158	-121.875969	759672
2010.12.21 07.30.00	2010.12.21 09.16.00	37.338172	-121.794717	759746
2010.11.25 11.30.00	2010.11.25 14.35.00	37.320031	-121.834425	759876
2010.11.30 13.00.00	2010.11.30 14.10.00	37.349094	-121.854942	759878
2010.12.09 10.55.00	2010.12.09 12.15.00	37.290906	-121.815997	759879
2010.12.14 10.20.00	2010.12.14 10.20.00	37.298619	-121.898006	759880
2010.12.16 07.00.00	2010.12.16 09.50.00	37.217622	-121.873725	759882
2010.12.16 14.00.00	2010.12.16 18.20.00	37.283947	-121.834386	759884
2010.12.22 17.00.00	2010.12.22 19.00.00	37.296111	-121.806667	759886
2010.12.23 12.30.00	2010.12.23 15.15.00	37.363008	-121.860508	759887
2010.12.23 11.30.00	2010.12.23 15.20.00	37.327414	-121.838356	759889
2010.12.28 15.20.00	2010.12.28 16.15.00	37.346583	-121.810372	761608
2010.11.21 14.45.00	2010.11.21 15.15.00	37.382192	-121.933331	763502
2011.01.05 07.40.00	2011.01.05 08.50.00	37.310833	-121.820003	761610
2011.01.07 17.50.00	2011.01.07 18.50.00	37.339903	-121.934097	761613
2011.02.01 10.15.00	2011.02.01 11.40.00	37.298114	-121.987617	762485
2011.02.03 10.30.00	2011.02.03 17.00.00	37.31025	-121.919414	762486
2011.01.09 12.00.00	2011.01.09 12.55.00	37.246586	-121.839753	762494
2011.01.12 09.05.00	2011.01.12 09.30.00	37.317681	-121.969003	762497
2011.01.13 11.00.00	2011.01.13 12.40.00	37.335742	-121.796189	762499
2011.01.14 05.30.00	2011.01.14 08.25.00	37.317119	-121.783406	762501
2011.01.15 11.50.00	2011.01.15 14.30.00	37.377908	-121.867081	762948
2011.01.15 08.00.00	2011.01.15 08.35.00	37.40305	-121.875928	762950

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.01.15 08.46.00	2011.01.15 12.15.00	37.340519	-121.867408	762951
2011.01.16 09.50.00	2011.01.16 10.40.00	37.296792	-121.996586	762952
2011.01.22 11.40.00	2011.01.22 12.11.00	37.413942	-121.854964	762954
2011.01.23 11.10.00	2011.01.23 11.34.00	37.358333	-121.855731	762955
2011.01.24 12.20.00	2011.01.24 12.21.00	37.280706	-121.986133	762958
2011.02.12 12.30.00	2011.02.12 13.45.00	37.312503	-121.795833	762961
2011.01.26 09.00.00	2011.01.26 09.50.00	37.295944	-121.962861	762962
2011.01.27 09.45.00	2011.01.27 10.50.00	37.247503	-121.880611	762964
2011.01.28 13.15.00	2011.01.28 13.50.00	37.395783	-121.883206	762966
2011.01.19 08.00.00	2011.01.19 09.30.00	37.21825	-121.877944	763698
2011.02.02 07.30.00	2011.02.02 09.05.00	37.351269	-121.814619	763700
2011.02.05 19.00.00	2011.02.05 19.15.00	37.299608	-121.884964	763702
2011.02.05 18.00.00	2011.02.05 18.45.00	37.247914	-121.932778	763703
2011.02.08 11.15.00	2011.02.08 11.55.00	37.299672	-121.965122	763704
2011.02.12 12.00.00	2011.02.12 12.45.00	37.300903	-121.869069	763713
2011.02.12 11.00.00	2011.02.12 11.30.00	37.220278	-121.855003	763717
2011.02.06 13.45.00	2011.02.06 18.00.00	37.254044	-121.878211	763826
2011.02.07 21.00.00	2011.02.07 22.15.00	37.305011	-121.98005	763829
2011.02.26 13.00.00	2011.02.26 19.00.00	37.348836	-121.819122	763944
2011.02.10 11.30.00	2011.02.10 12.26.00	37.271425	-121.940175	763945
2011.03.08 18.00.00	2011.03.08 20.22.00	37.274108	-121.805189	764312
2011.03.13 14.00.00	2011.03.13 16.10.00	37.395703	-121.880256	764429
2011.02.10 10.00.00	2011.02.10 10.40.00	37.356389	-121.811111	764806
2011.02.13 12.30.00	2011.02.13 13.00.00	37.263636	-121.901872	764807
2011.02.13 11.00.00	2011.02.13 12.00.00	37.313611	-121.908056	764808
2011.02.15 08.34.00	2011.02.15 09.03.00	37.281139	-121.971558	764810
2011.02.16 20.00.00	2011.02.16 20.20.00	37.340911	-121.868611	764811

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.02.20 09.00.00	2011.02.20 11.00.00	37.270664	-121.939564	764820
2011.02.21 08.35.00	2011.02.21 09.05.00	37.346978	-121.811975	764822
2011.02.22 08.15.00	2011.02.22 21.25.00	37.272833	-121.906986	764824
2011.02.23 06.30.00	2011.02.23 13.50.00	37.362047	-121.811325	764825
2011.02.26 15.15.00	2011.02.26 15.30.00	37.303922	-121.886311	764826
2011.02.26 18.00.00	2011.02.26 21.40.00	37.328011	-121.911475	764827
2011.03.02 14.00.00	2011.03.02 17.25.00	37.333394	-121.878022	765656
2011.03.04 11.37.00	2011.03.04 12.10.00	37.269781	-121.912644	765658
2011.03.05 20.15.00	2011.03.05 20.56.00	37.227222	-121.803931	765659
2011.03.04 07.00.00	2011.03.04 07.15.00	37.306122	-121.850147	765760
2011.03.04 07.00.00	2011.03.04 07.15.00	37.306122	-121.850147	765761
2011.03.11 10.30.00	2011.03.11 11.40.00	37.369592	-121.808439	765794
2011.03.12 09.00.00	2011.03.12 10.40.00	37.299983	-121.888503	765796
2011.03.13 09.00.00	2011.03.13 09.55.00	37.366378	-121.803283	765797
2011.03.15 08.25.00	2011.03.15 09.25.00	37.352783	-121.839992	765798
2011.03.15 08.00.00	2011.03.15 08.30.00	37.296947	-121.945006	765817
2011.03.16 18.40.00	2011.03.16 18.45.00	37.315014	-121.829167	765832
2011.03.21 15.50.00	2011.03.21 17.00.00	37.301667	-122.000556	765833
2011.03.22 17.25.00	2011.03.22 18.35.00	37.381111	-121.875278	765835
2011.03.23 17.00.00	2011.03.23 19.03.00	37.348889	-121.878056	765836
2011.03.25 10.10.00	2011.03.25 11.00.00	37.326789	-121.805603	765837
2011.03.26 20.15.00	2011.03.26 20.55.00	37.265278	-121.826944	765838
2011.03.26 12.00.00	2011.03.26 12.35.00	37.385833	-121.847222	765841
2011.03.26 13.00.00	2011.03.26 14.00.00	37.358828	-121.836186	765843
2011.03.30 12.30.00	2011.03.30 12.32.00	37.320433	-121.832361	765845
2011.05.07 10.30.00	2011.05.07 11.20.00	37.265222	-121.942361	766314
2011.05.13 13.26.00	2011.05.13 16.36.00	37.200039	-121.833478	766496

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.05.15 16.30.00	2011.05.15 20.40.00	37.291069	-121.872764	766643
2011.05.24 00.30.00	2011.05.24 03.30.00	37.410814	-121.936469	766891
2011.04.03 15.30.00	2011.04.03 19.50.00	37.286647	-121.804842	766916
2011.04.11 19.00.00	2011.04.11 20.45.00	37.329444	-121.789722	766917
2011.04.16 15.12.00	2011.04.16 15.54.00	37.383056	-121.849722	766918
2011.04.21 07.35.00	2011.04.21 08.42.00	37.296825	-121.998361	766919
2011.04.24 22.05.00	2011.04.24 23.01.00	37.263525	-121.940978	766920
2011.04.25 09.30.00	2011.04.25 09.45.00	37.313083	-121.955806	766921
2011.04.23 11.45.00	2011.04.23 12.00.00	37.239917	-121.888583	766922
2011.04.26 17.30.00	2011.04.26 17.35.00	37.308981	-122.026886	766923
2011.04.28 19.48.00	2011.04.28 20.28.00	37.324458	-121.794053	766924
2011.04.30 18.04.00	2011.04.30 18.28.00	37.401069	-121.825497	766926
2011.04.30 09.20.00	2011.04.30 09.40.00	37.317439	-121.78695	766927
2011.06.20 08.15.00	2011.06.20 15.15.00	37.200778	-121.839106	767780
2011.05.03 16.40.00	2011.05.03 20.30.00	37.305833	-121.899167	767830
2011.05.03 17.00.00	2011.05.03 18.25.00	37.322506	-121.911156	767832
2011.05.07 19.10.00	2011.05.07 20.10.00	37.356256	-121.814808	767833
2011.05.08 09.45.00	2011.05.08 10.15.00	37.306944	-121.969722	767834
2011.05.08 17.20.00	2011.05.08 17.52.00	37.299167	-121.957506	767835
2011.05.09 17.35.00	2011.05.09 18.35.00	37.306667	-121.922506	767836
2011.05.10 14.45.00	2011.05.10 15.55.00	37.365411	-121.845883	767837
2011.05.11 10.00.00	2011.05.11 12.30.00	37.330036	-121.879225	767839
2011.05.15 18.00.00	2011.05.15 18.40.00	37.407444	-121.859039	767840
2011.05.16 09.00.00	2011.05.16 10.05.00	37.326536	-121.841883	767847
2011.05.17 19.48.00	2011.05.17 19.49.00	37.329475	-121.768711	768004
2011.05.17 10.00.00	2011.05.17 14.00.00	37.313114	-121.941578	768005
2011.05.18 15.00.00	2011.05.18 15.30.00	37.364875	-121.829019	768007

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.05.24 08.00.00	2011.05.24 08.50.00	37.286469	-121.881556	768010
2011.05.25 08.19.00	2011.05.25 09.10.00	37.358828	-121.856256	768011
2011.05.27 09.30.00	2011.05.27 10.25.00	37.343292	-121.875156	768015
2011.06.01 22.05.00	2011.06.01 23.30.00	37.262561	-121.799122	768017
2011.06.04 07.45.00	2011.06.04 08.15.00	37.322778	-121.892222	768019
2011.07.12 16.30.00	2011.07.12 19.45.00	37.358939	-121.854861	768547
2011.06.10 08.07.00	2011.06.10 08.38.00	37.309056	-121.974933	768777
2011.06.10 18.04.00	2011.06.10 18.52.00	37.312497	-121.79745	768782
2011.06.11 21.00.00	2011.06.11 22.45.00	37.346408	-121.857422	768785
2011.06.12 14.30.00	2011.06.12 21.50.00	37.38375	-121.857222	768786
2011.06.12 16.04.00	2011.06.12 16.55.00	37.353964	-121.869997	768788
2011.06.12 07.58.00	2011.06.12 08.00.00	37.226117	-121.862344	768909
2011.06.21 17.31.00	2011.06.21 18.15.00	37.217933	-121.878003	768910
2011.06.25 14.20.00	2011.06.25 14.40.00	37.20245	-121.835897	768912
2011.06.28 10.30.00	2011.06.28 11.10.00	37.398847	-121.861489	768914
2011.06.30 14.00.00	2011.06.30 14.05.00	37.232108	-121.76675	768916
2011.06.30 08.00.00	2011.06.30 08.22.00	37.328889	-121.903889	768918
2011.07.01 13.30.00	2011.07.01 13.30.00	37.232036	-121.766703	770002
2011.07.03 11.18.00	2011.07.03 11.55.00	37.369206	-121.805744	770004
2011.07.06 13.10.00	2011.07.06 13.15.00	37.245003	-121.830003	770005
2011.07.02 10.15.00	2011.07.05 10.15.00	37.319233	-121.950039	770466
2011.07.01 17.00.00	2011.07.01 18.05.00	37.338569	-121.867497	770474
2011.07.01 12.09.00	2011.07.01 12.10.00	37.231528	-121.767925	770479
2011.07.04 22.45.00	2011.07.04 23.30.00	37.421972	-122.085006	770481
2011.07.10 19.45.00	2011.07.10 21.20.00	37.300353	-121.892108	770482
2011.07.08 08.00.00	2011.07.08 08.15.00	37.32905	-121.795622	770484
2011.07.11 12.10.00	2011.07.11 12.10.00	37.234478	-121.769094	770485

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.07.12 10.15.00	2011.07.12 10.16.00	37.300764	-121.911197	770486
2011.07.15 07.30.00	2011.07.15 10.15.00	37.322647	-121.985136	770489
2011.07.16 17.00.00	2011.07.17 10.59.00	37.339722	-121.867778	770491
2011.07.25 11.00.00	2011.07.25 14.10.00	37.346561	-121.853817	770494
2011.07.27 18.00.00	2011.07.27 21.06.00	37.326008	-121.867161	770496
2011.07.31 09.45.00	2011.07.31 10.25.00	37.224667	-121.880644	770497
2011.08.10 11.15.00	2011.08.10 11.30.00	37.320272	-121.835661	771387
2011.08.13 18.55.00	2011.08.13 19.57.00	37.200911	-121.848503	771389
2011.08.14 18.30.00	2011.08.14 19.16.00	37.227753	-121.86945	771391
2011.08.16 16.06.00	2011.08.16 16.30.00	37.362064	-121.855819	771392
2011.08.20 08.00.00	2011.08.20 10.15.00	37.262361	-121.85525	771394
2011.08.29 09.30.00	2011.08.29 12.35.00	37.270519	-121.805119	771396
2011.09.01 15.05.00	2011.09.01 15.06.00	37.308958	-121.891514	772192
2011.09.01 11.30.00	2011.09.01 15.45.00	37.293647	-121.985733	772194
2011.09.02 20.13.00	2011.09.02 20.51.00	37.317592	-121.946978	772195
2011.09.06 17.23.00	2011.09.06 17.45.00	37.356069	-121.862106	772196
2011.09.15 12.00.00	2011.09.19 10.10.00	37.241167	-121.845944	772200
2011.09.16 08.05.00	2011.09.16 08.45.00	37.258889	-121.815833	772202
2011.09.18 21.00.00	2011.09.18 21.52.00	37.270203	-121.83965	772203
2011.09.21 20.09.00	2011.09.21 20.43.00	37.320372	-121.950369	772271
2011.09.23 17.08.00	2011.09.23 21.30.00	37.209097	-121.862356	772272
2011.09.25 14.00.00	2011.09.25 18.30.00	37.414794	-121.874517	772274
2011.09.25 19.01.00	2011.09.25 20.06.00	37.319144	-121.839286	772275
2011.09.29 15.00.00	2011.09.29 16.00.00	37.343589	-121.929489	772276
2011.11.20 17.12.00	2011.11.20 18.30.00	37.317244	-121.995219	773375
2011.11.21 10.15.00	2011.11.21 11.16.00	37.299111	-121.985861	773403
2011.10.01 11.00.00	2011.10.01 11.30.00	37.280103	-121.924289	773413

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.10.08 10.40.00	2011.10.08 12.00.00	37.326103	-121.879503	773414
2011.10.13 20.41.00	2011.10.13 21.06.00	37.272108	-121.879703	773415
2011.10.15 10.22.00	2011.10.15 10.50.00	37.271936	-121.880333	773417
2011.10.17 07.30.00	2011.10.17 16.55.00	37.270614	-121.937283	773418
2011.10.18 14.30.00	2011.10.18 16.25.00	37.352144	-121.856483	773419
2011.10.19 10.15.00	2011.10.19 11.45.00	37.311289	-121.931283	773420
2011.10.23 09.35.00	2011.10.23 10.25.00	37.249608	-121.910994	773421
2011.10.26 10.00.00	2011.10.26 10.15.00	37.332914	-121.949428	773422
2011.10.29 16.48.00	2011.10.29 17.17.00	37.374925	-121.919294	773424
2011.11.03 09.30.00	2011.11.03 10.20.00	37.330833	-121.906111	773426
2011.11.23 14.35.00	2011.11.23 15.20.00	37.375822	-121.856542	773545
2011.11.04 20.51.00	2011.11.04 23.20.00	37.394681	-121.843275	774079
2011.11.04 08.30.00	2011.11.04 13.00.00	37.309611	-121.922775	774085
2011.11.05 13.00.00	2011.11.05 14.17.00	37.230533	-121.908317	774088
2011.11.07 16.09.00	2011.11.07 16.42.00	37.348606	-121.832953	774089
2011.11.07 09.45.00	2011.11.07 10.30.00	37.261847	-121.798572	774090
2011.11.13 10.10.00	2011.11.13 10.50.00	37.290347	-121.983967	774092
2011.11.13 10.30.00	2011.11.13 12.05.00	37.307908	-122.004983	774094
2011.11.13 11.40.00	2011.11.13 14.10.00	37.362594	-121.811908	774096
2011.11.14 09.30.00	2011.11.14 11.32.00	37.241639	-121.926611	774098
2011.11.14 17.53.00	2011.11.14 18.25.00	37.292933	-121.981603	774102
2011.11.17 08.00.00	2011.11.17 08.45.00	37.23845	-121.804808	774103
2011.11.19 08.30.00	2011.11.19 11.10.00	37.262494	-121.802464	774105
2011.11.21 20.25.00	2011.11.21 20.30.00	37.261036	-121.863797	774106
2011.11.23 08.30.00	2011.11.23 09.20.00	37.305211	-121.893136	774130
2011.11.23 17.00.00	2011.11.23 17.40.00	37.338256	-121.867081	774132
2011.11.23 19.49.00	2011.11.23 19.50.00	37.361067	-121.873028	774133

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.11.23 18.00.00	2011.11.23 22.15.00	37.318214	-121.967306	774134
2011.11.26 09.05.00	2011.11.26 10.45.00	37.322083	-121.892778	774136
2011.11.27 17.10.00	2011.11.27 19.42.00	37.261794	-121.884361	774139
2011.11.29 18.30.00	2011.11.29 18.40.00	37.306608	-121.922914	774140
2011.11.30 15.45.00	2011.11.30 16.45.00	37.266489	-121.951581	774141
2011.12.01 15.45.00	2011.12.01 15.55.00	37.332697	-121.947397	774143
2011.12.02 11.15.00	2011.12.02 12.30.00	37.214631	-121.846658	774144
2011.12.03 11.00.00	2011.12.03 13.50.00	37.302283	-121.937411	774145
2011.12.03 10.30.00	2011.12.03 12.00.00	37.316019	-121.804072	774146
2011.12.03 11.00.00	2011.12.03 11.05.00	37.329731	-121.916919	774147
2011.12.07 20.50.00	2011.12.07 21.34.00	37.264803	-121.900364	775178
2011.12.08 19.30.00	2011.12.08 20.23.00	37.409842	-121.847975	775193
2011.12.10 09.45.00	2011.12.10 10.15.00	37.239172	-121.934969	775194
2011.12.12 08.40.00	2011.12.12 08.45.00	37.404986	-121.850047	775196
2011.12.12 12.10.00	2011.12.12 12.46.00	37.217206	-121.848367	775197
2011.12.14 12.59.00	2011.12.14 13.30.00	37.308492	-122.020475	775202
2011.12.17 08.00.00	2011.12.17 09.20.00	37.297731	-122.016975	775204
2011.12.17 12.00.00	2011.12.17 13.30.00	37.263403	-121.937611	775208
2011.12.17 13.00.00	2011.12.17 17.10.00	37.384303	-121.860922	775212
2011.12.23 13.50.00	2011.12.23 15.00.00	37.311822	-121.897472	775219
2011.12.26 12.30.00	2011.12.26 13.34.00	37.364539	-121.859178	775222
2012.01.06 16.00.00	2012.01.06 17.04.00	37.219567	-121.880706	775667
2012.01.06 07.15.00	2012.01.06 22.12.00	37.359944	-121.856386	775669
2012.01.15 16.54.00	2012.01.15 18.05.00	37.321842	-121.893172	776088
2011.12.28 20.30.00	2011.12.28 20.50.00	37.325661	-121.934761	776339
2012.01.23 14.30.00	2012.01.23 19.14.00	37.330483	-121.842047	776388
2012.01.12 16.30.00	2012.01.12 16.32.00	37.245006	-121.905722	776921

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.01.12 18.21.00	2012.01.12 20.30.00	37.346219	-121.860522	776929
2012.01.14 19.00.00	2012.01.14 21.46.00	37.316714	-121.873997	776930
2012.01.15 17.50.00	2012.01.15 18.05.00	37.327003	-121.908608	776933
2012.01.16 14.56.00	2012.01.16 15.30.00	37.277214	-121.911464	776935
2012.01.17 19.14.00	2012.01.17 20.00.00	37.332575	-121.777494	776937
2012.01.22 14.50.00	2012.01.22 16.20.00	37.358286	-121.825847	776945
2012.01.24 14.00.00	2012.01.24 18.15.00	37.334217	-121.858175	776950
2012.01.28 08.30.00	2012.01.28 11.15.00	37.267297	-121.929875	776972
2012.02.09 14.00.00	2012.02.09 14.51.00	37.398903	-121.860211	777406
2012.02.07 08.00.00	2012.02.07 14.30.00	37.299033	-121.771014	777421
2012.01.23 07.30.00	2012.01.23 12.00.00	37.319381	-121.994625	777484
2012.01.25 09.08.00	2012.01.25 10.35.00	37.274667	-121.849747	777485
2012.02.15 21.00.00	2012.02.15 21.45.00	37.32717	-121.80471	777759
2012.02.26 13.40.00	2012.02.26 14.55.00	37.307039	-121.915228	778131
2012.03.02 08.10.00	2012.03.02 08.57.00	37.240722	-121.809642	778419
2012.02.11 18.47.00	2012.02.11 19.35.00	37.329564	-121.843336	778432
2012.02.12 10.00.00	2012.02.12 12.10.00	37.260444	-121.916806	778441
2012.02.14 19.45.00	2012.02.14 20.28.00	37.335164	-121.835906	778450
2012.02.17 17.30.00	2012.02.17 18.30.00	37.324333	-121.844528	778452
2012.02.17 11.00.00	2012.02.17 12.30.00	37.305194	-121.881972	778461
2012.02.11 19.00.00	2012.02.18 11.15.00	37.358278	-121.828083	778463
2012.02.23 09.35.00	2012.02.23 10.55.00	37.382389	-121.846222	778465
2012.02.24 11.00.00	2012.02.24 12.10.00	37.353139	-121.800361	778469
2012.02.26 12.30.00	2012.02.26 13.05.00	37.277389	-121.935194	778473
2012.02.21 18.00.00	2012.02.21 20.10.00	37.338453	-121.867628	778477
2012.03.07 20.45.00	2012.03.07 23.47.00	37.341244	-121.909708	778605
2012.02.02 16.00.00	2012.02.02 16.30.00	37.317914	-121.817803	778753

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.02.04 11.30.00	2012.02.04 16.40.00	37.309958	-121.968864	778755
2012.02.05 11.00.00	2012.02.05 12.50.00	37.354314	-121.872261	778756
2012.03.01 18.40.00	2012.03.01 19.15.00	37.320458	-121.835764	778757
2012.03.01 19.42.00	2012.03.01 20.15.00	37.364206	-121.860781	778761
2012.03.09 12.30.00	2012.03.09 13.40.00	37.208181	-121.871583	778764
2012.03.09 09.45.00	2012.03.09 09.55.00	37.351111	-121.905889	778771
2012.02.04 10.15.00	2012.02.04 12.41.00	37.294056	-121.765667	778773
2012.03.07 09.47.00	2012.03.07 09.49.00	37.294056	-121.765667	778774
2012.03.07 11.50.00	2012.03.07 11.50.00	37.329344	-121.777286	778775
2012.03.10 16.30.00	2012.03.10 17.28.00	37.382219	-121.826681	778776
2012.03.12 10.00.00	2012.03.12 18.07.00	37.227753	-121.836117	778778
2012.03.13 20.54.00	2012.03.13 20.56.00	37.303281	-121.946875	778779
2012.03.16 04.50.00	2012.03.16 07.17.00	37.308472	-121.775978	778853
2012.04.02 17.30.00	2012.04.02 19.10.00	37.225456	-121.885703	779500
2012.03.31 17.30.00	2012.03.31 19.05.00	37.247903	-121.944497	779503
2012.03.31 18.30.00	2012.03.31 23.00.00	37.398689	-121.822011	779506
2012.04.08 16.30.00	2012.04.08 19.22.00	37.298706	-121.984522	779872
2012.04.09 10.30.00	2012.04.09 12.30.00	37.356475	-121.851825	779873
2012.03.15 10.28.00	2012.03.15 11.16.00	37.309083	-122.019733	780115
2012.03.20 15.38.00	2012.03.20 16.10.00	37.305064	-121.882386	780117
2012.03.21 10.00.00	2012.03.21 10.15.00	37.262761	-121.806114	780118
2012.03.23 18.00.00	2012.03.27 18.15.00	37.409394	-121.855019	780119
2012.03.31 19.24.00	2012.03.31 20.00.00	37.237197	-121.922914	780121
2012.04.13 09.00.00	2012.04.13 09.50.00	37.204192	-121.859403	780286
2012.04.26 11.40.00	2012.04.26 12.40.00	37.316064	-121.931711	780799
2012.04.30 08.50.00	2012.04.30 09.20.00	37.336919	-121.790883	780912
2012.05.04 09.05.00	2012.05.04 09.40.00	37.301139	-122.027278	780998

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.04.09 16.00.00	2012.04.09 17.17.00	37.325817	-121.866944	781229
2012.04.09 16.00.00	2012.04.09 16.02.00	37.261536	-121.826389	781235
2012.04.10 00.00.00	2012.04.10 00.00.00	37.232111	-121.885861	781237
2012.04.11 20.29.00	2012.04.11 21.48.00	37.318172	-121.9226	781239
2012.04.12 08.00.00	2012.04.12 08.55.00	37.310408	-121.800475	781240
2012.04.12 15.45.00	2012.04.12 16.30.00	37.315583	-121.950222	781241
2012.04.14 11.00.00	2012.04.14 12.30.00	37.271667	-121.829444	781244
2012.04.16 09.30.00	2012.04.16 10.35.00	37.238556	-121.918167	781246
2012.04.21 08.30.00	2012.04.21 10.20.00	37.2734	-121.858714	781247
2012.04.21 08.50.00	2012.04.21 09.25.00	37.271922	-121.742536	781249
2012.04.23 20.00.00	2012.04.23 20.01.00	37.263969	-121.926483	781250
2012.04.23 20.16.00	2012.04.23 21.40.00	37.339506	-121.795717	781266
2012.04.24 09.00.00	2012.04.24 10.15.00	37.404111	-121.832583	781268
2012.04.24 08.10.00	2012.04.24 08.56.00	37.260306	-121.797356	781270
2012.04.30 08.30.00	2012.04.30 13.33.00	37.32325	-121.920667	781273
2012.04.24 05.00.00	2012.04.24 05.01.00	37.339722	-121.795833	781280
2012.05.25 15.45.00	2012.05.25 17.20.00	37.289989	-121.850011	781737
2012.05.27 14.00.00	2012.05.27 20.55.00	37.293494	-121.985922	781739
2012.05.01 21.00.00	2012.05.01 21.05.00	37.315636	-121.969031	782173
2012.05.06 21.05.00	2012.05.06 21.10.00	37.333333	-121.868611	782176
2012.05.07 09.00.00	2012.05.07 10.15.00	37.351744	-121.870664	782177
2012.05.09 11.00.00	2012.05.09 11.43.00	37.266739	-121.891703	782179
2012.05.09 16.59.00	2012.05.09 17.54.00	37.308167	-121.788556	782181
2012.05.12 10.30.00	2012.05.12 12.00.00	37.207864	-121.827125	782182
2012.05.14 18.05.00	2012.05.14 19.45.00	37.241989	-121.851653	782183
2012.05.16 21.45.00	2012.05.16 22.52.00	37.224831	-121.785136	782184
2012.05.16 08.00.00	2012.05.16 09.30.00	37.205333	-121.867486	782185

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.05.19 09.15.00	2012.05.19 10.10.00	37.361356	-121.910478	782186
2012.05.19 13.55.00	2012.05.19 14.40.00	37.333081	-121.925236	782187
2012.05.20 19.56.00	2012.05.20 19.58.00	37.226808	-121.863964	782188
2012.05.20 17.59.00	2012.05.20 19.40.00	37.274661	-121.892425	782189
2012.05.20 20.20.00	2012.05.21 00.01.00	37.302278	-121.977833	782190
2012.05.21 07.46.00	2012.05.21 08.38.00	37.392722	-121.875025	782191
2012.05.21 22.30.00	2012.05.22 15.30.00	37.36575	-121.833611	782192
2012.05.30 08.30.00	2012.05.30 10.10.00	37.322128	-121.837833	782193
2012.06.06 07.00.00	2012.06.06 10.15.00	37.308447	-121.948253	783880
2012.06.14 19.00.00	2012.06.14 19.01.00	37.346644	-121.857567	783881
2012.06.14 10.30.00	2012.06.14 15.18.00	37.260664	-121.807214	783882
2012.06.12 08.30.00	2012.06.18 09.32.00	37.399006	-121.821392	783884
2012.06.20 16.00.00	2012.06.20 19.25.00	37.264597	-121.929575	783885
2012.06.21 06.25.00	2012.06.21 09.27.00	37.289492	-121.821669	783888
2012.06.23 11.49.00	2012.06.23 14.25.00	37.273439	-121.887717	783890
2012.06.24 20.25.00	2012.06.24 21.05.00	37.238422	-121.851792	783892
2012.06.24 23.30.00	2012.06.25 00.40.00	37.320822	-121.893725	783896
2012.06.29 15.30.00	2012.06.29 00.00.00	37.317503	-121.946989	783899
2012.07.07 17.00.00	2012.07.07 20.10.00	37.248522	-121.910908	783292
2012.07.09 07.45.00	2012.07.09 09.15.00	37.276281	-121.813767	783420
2012.07.27 12.35.00	2012.07.27 13.27.00	37.249439	-121.941603	784694
2012.08.12 21.00.00	2012.08.12 21.53.00	37.418503	-121.868828	785134
2012.08.14 07.00.00	2012.08.14 08.35.00	37.270744	-121.740822	785234
2012.07.12 09.30.00	2012.07.12 17.34.00	37.320564	-121.966158	785235
2012.07.13 09.45.00	2012.07.13 09.46.00	37.298708	-121.981297	785236
2012.07.15 16.45.00	2012.07.15 18.10.00	37.338053	-121.93265	785237
2012.07.15 18.00.00	2012.07.15 19.45.00	37.285072	-121.983072	785239

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.07.16 08.00.00	2012.07.16 12.00.00	37.241194	-121.889567	785240
2012.07.22 19.00.00	2012.07.23 19.00.00	37.387447	-121.831497	785241
2012.07.29 11.00.00	2012.07.29 11.40.00	37.324917	-121.833203	785254
2012.07.30 10.55.00	2012.07.30 11.30.00	37.27485	-121.849825	785330
2012.07.31 16.00.00	2012.07.31 19.35.00	37.321617	-121.9515	785331
2012.08.19 11.00.00	2012.08.19 14.05.00	37.276803	-121.804917	785418
2012.08.28 07.45.00	2012.08.28 09.20.00	37.38165	-121.830703	785803
2012.09.06 21.15.00	2012.09.06 22.38.00	37.291031	-121.825833	786016
2012.09.08 07.51.00	2012.09.08 11.45.00	37.378161	-121.829233	786020
2012.08.02 10.50.00	2012.08.02 11.15.00	37.419614	-121.864375	786530
2012.08.07 15.00.00	2012.08.07 16.15.00	37.245544	-121.899794	786531
2012.08.14 19.00.00	2012.08.15 09.50.00	37.31725	-121.890736	786532
2012.08.26 10.00.00	2012.08.26 12.55.00	37.402064	-121.842083	786533
2012.08.26 10.15.00	2012.08.26 11.05.00	37.313389	-121.915806	786535
2012.08.16 09.45.00	2012.08.16 16.09.00	37.309333	-121.943472	786536
2012.08.31 07.00.00	2012.08.31 16.26.00	37.243278	-121.776056	786537
2012.08.31 12.10.00	2012.08.31 13.20.00	37.38325	-121.84975	786538
2012.09.28 19.58.00	2012.09.28 21.12.00	37.288081	-121.756186	786913
2012.10.20 10.45.00	2012.10.20 12.40.00	37.31165	-121.904219	787483
2012.09.11 17.00.00	2012.09.11 20.22.00	37.323592	-121.841969	787518
2012.09.12 19.00.00	2012.09.13 00.05.00	37.360369	-121.90775	787522
2012.09.12 17.15.00	2012.09.12 18.00.00	37.30345	-121.939406	787523
2012.09.11 22.00.00	2012.09.13 12.00.00	37.328442	-121.917717	787525
2012.09.14 08.34.00	2012.09.14 09.05.00	37.257803	-121.817111	787527
2012.09.06 12.00.00	2012.09.16 20.15.00	37.331817	-121.931381	787529
2012.09.17 13.00.00	2012.09.17 13.20.00	37.356114	-121.876892	787530
2012.09.18 12.30.00	2012.09.18 15.55.00	37.350133	-121.801214	787532

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.09.21 09.00.00	2012.09.21 11.40.00	37.271569	-121.933394	787534
2012.09.28 08.00.00	2012.09.28 08.10.00	37.24245	-121.901578	787538
2012.09.28 17.30.00	2012.09.28 19.30.00	37.313986	-121.830531	787541
2012.10.06 22.30.00	2012.10.07 00.00.00	37.307489	-121.968594	788048
2012.10.09 08.00.00	2012.10.09 16.00.00	37.206667	-121.862139	788049
2012.10.12 14.30.00	2012.10.12 15.15.00	37.345028	-121.86375	788050
2012.10.19 15.35.00	2012.10.19 16.00.00	37.249769	-121.906703	788052
2012.10.22 19.30.00	2012.10.22 19.31.00	37.298094	-121.901581	788055
2012.10.27 12.39.00	2012.10.27 13.28.00	37.267908	-121.913397	788058
2012.10.31 09.30.00	2012.10.31 09.35.00	37.293725	-122.016453	788059
2012.11.17 09.02.00	2012.11.17 09.40.00	37.401333	-121.873972	788312
2012.11.17 15.00.00	2012.11.17 16.35.00	37.310653	-121.972119	788313
2012.11.21 10.00.00	2012.11.21 11.22.00	37.35325	-121.8007	788355
2012.11.23 14.00.00	2012.11.23 19.00.00	37.35865	-121.80018	788436
2012.11.24 18.00.00	2012.11.24 19.50.00	37.424383	-121.969428	788627
2012.11.28 19.40.00	2012.11.28 21.28.00	37.321944	-121.820081	788628
2012.11.29 15.00.00	2012.11.29 17.10.00	37.400303	-121.822833	788629
2012.11.30 13.15.00	2012.11.30 15.15.00	37.421972	-122.085028	788774
2012.11.01 16.30.00	2012.11.01 17.50.00	37.336097	-121.898464	789090
2012.11.03 13.26.00	2012.11.03 15.00.00	37.249156	-121.805306	789091
2012.11.05 07.56.00	2012.11.05 09.22.00	37.320217	-121.835789	789092
2012.11.06 16.00.00	2012.11.06 18.10.00	37.350061	-121.809444	789093
2012.11.07 19.10.00	2012.11.07 20.35.00	37.330286	-121.84175	789099
2012.11.08 12.00.00	2012.11.08 13.45.00	37.432586	-121.9523	789101
2012.11.09 12.15.00	2012.11.09 13.20.00	37.317694	-121.946953	789103
2012.11.10 20.00.00	2012.11.11 20.15.00	37.305003	-121.972144	789106
2012.11.13 08.16.00	2012.11.13 09.20.00	37.401617	-121.818056	789110

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.11.20 11.45.00	2012.11.20 11.50.00	37.320083	-121.9	789113
2012.11.22 09.20.00	2012.11.22 09.45.00	37.344997	-121.927394	789115
2012.11.25 13.00.00	2012.11.25 13.30.00	37.352992	-121.806103	789122
2012.11.26 00.00.00	2012.11.26 00.00.00	37.331236	-121.887044	789123
2012.11.28 14.00.00	2012.11.28 20.15.00	37.307206	-121.899939	789124
2012.12.13 07.15.00	2012.12.13 09.37.00	37.247753	-121.91135	789136
2012.12.28 12.45.00	2012.12.28 14.15.00	37.242517	-121.914028	789631
2012.12.04 07.20.00	2012.12.04 07.50.00	37.400742	-121.822906	789919
2012.12.05 09.00.00	2012.12.05 11.45.00	37.361892	-121.80045	789927
2012.12.06 17.30.00	2012.12.06 18.40.00	37.240172	-121.888319	789928
2012.12.08 10.25.00	2012.12.08 10.55.00	37.246944	-121.897778	789930
2012.12.08 10.30.00	2012.12.08 11.40.00	37.307269	-121.973425	789935
2012.12.11 07.28.00	2012.12.11 08.25.00	37.41965	-121.862942	789938
2012.12.12 08.00.00	2012.12.12 09.59.00	37.249106	-121.939753	789939
2012.12.18 13.16.00	2012.12.18 13.50.00	37.260797	-121.806903	789940
2012.12.21 09.25.00	2012.12.21 10.39.00	37.272811	-121.838611	789942
2013.01.11 12.00.00	2013.01.14 09.48.00	37.254083	-121.832783	790400
2012.12.27 15.30.00	2012.12.27 15.30.00	37.394203	-121.836917	790753
2013.02.02 16.00.00	2013.02.02 17.35.00	37.410175	-121.854089	791242
2013.02.08 07.30.00	2013.02.08 09.15.00	37.350556	-121.796944	791551
2013.02.12 08.45.00	2013.02.12 09.28.00	37.298808	-121.770539	791680
2013.02.13 08.30.00	2013.02.13 09.20.00	37.298808	-121.770539	791734
2013.01.03 18.07.00	2013.01.03 19.45.00	37.308914	-121.952072	791926
2013.01.05 16.15.00	2013.01.05 17.35.00	37.318661	-121.821033	791930
2013.01.09 23.00.00	2013.01.10 08.16.00	37.235022	-121.770569	791937
2013.01.12 15.00.00	2013.01.12 17.01.00	37.276011	-121.873389	791939
2013.01.13 09.30.00	2013.01.13 15.30.00	37.208825	-121.868442	791941

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2013.01.14 07.00.00	2013.01.14 07.15.00	37.244494	-121.812383	791942
2013.01.16 20.30.00	2013.01.16 21.35.00	37.402403	-121.853731	791943
2013.01.16 07.31.00	2013.01.16 08.34.00	37.234408	-121.909428	791947
2013.01.19 07.00.00	2013.01.19 09.00.00	37.306853	-121.889839	791951
2013.01.21 10.04.00	2013.01.21 11.12.00	37.264325	-121.94055	791956
2013.01.22 14.00.00	2013.01.22 17.05.00	37.358431	-121.826833	791967
2013.01.24 09.11.00	2013.01.24 10.24.00	37.2332	-121.816553	791968
2013.01.25 06.40.00	2013.01.25 07.28.00	37.410131	-121.875372	791969
2013.01.25 14.00.00	2013.01.25 18.00.00	37.362214	-121.842114	791970
2013.01.27 16.10.00	2013.01.27 17.05.00	37.318711	-121.923831	791971
2013.01.30 15.52.00	2013.01.30 16.37.00	37.322494	-121.913858	791972
2013.01.31 09.58.00	2013.01.31 10.14.00	37.326567	-121.876222	791973
2013.01.07 12.45.00	2013.01.07 13.14.00	37.356319	-121.811508	791974
2013.02.25 09.30.00	2013.02.25 11.36.00	37.259739	-121.885181	792213
2013.03.03 12.40.00	2013.03.03 13.40.00	37.201494	-121.841531	792358
2013.03.12 08.00.00	2013.03.12 10.10.00	37.431806	-121.953683	792646
2013.03.21 19.30.00	2013.03.21 21.02.00	37.413989	-121.848542	792895
2013.02.01 13.41.00	2013.02.01 13.55.00	37.318014	-121.907572	792928
2013.02.05 10.01.00	2013.02.05 10.26.00	37.284556	-121.988431	792931
2013.02.11 09.05.00	2013.02.11 09.15.00	37.296333	-121.766175	792934
2013.02.14 07.30.00	2013.02.14 08.35.00	37.364967	-121.842903	792935
2013.02.20 13.39.00	2013.02.20 15.15.00	37.32195	-121.917231	792937
2013.02.20 12.00.00	2013.02.21 19.53.00	37.279725	-121.829581	792939
2013.02.24 11.11.00	2013.02.25 01.00.00	37.399469	-121.822572	792943
2013.02.26 14.00.00	2013.02.26 15.21.00	37.399611	-121.867633	792944
2013.02.19 07.55.00	2013.02.19 09.55.00	37.408442	-121.856461	792948
2013.03.28 18.53.00	2013.03.28 21.11.00	37.283539	-121.980275	793100

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2013.03.29 21.00.00	2013.03.30 12.30.00	37.299603	-121.946967	793110
2013.03.02 00.36.00	2013.03.02 00.50.00	37.356103	-121.876903	793613
2013.03.05 16.50.00	2013.03.05 17.00.00	37.3335	-121.947928	793615
2013.03.05 07.00.00	2013.03.05 16.30.00	37.292739	-121.99875	793617
2013.03.07 16.00.00	2013.03.07 17.24.00	37.280081	-121.871742	793618
2013.03.13 11.27.00	2013.03.13 11.37.00	37.316736	-121.8191	793619
2013.03.14 14.50.00	2013.03.14 16.18.00	37.313814	-121.911731	793624
2013.03.16 11.16.00	2013.03.16 11.40.00	37.342922	-121.834389	793626
2013.03.22 13.45.00	2013.03.22 13.57.00	37.31615	-121.821944	793656
2013.03.22 15.29.00	2013.03.22 15.39.00	37.317392	-121.924747	793657
2013.03.22 09.44.00	2013.03.22 10.25.00	37.246389	-121.9075	793659
2013.03.23 06.00.00	2013.03.23 12.40.00	37.384136	-121.883908	793660
2013.03.27 18.30.00	2013.03.27 20.26.00	37.336869	-121.863778	793661
2013.03.26 10.05.00	2013.03.26 10.06.00	37.342378	-121.908047	793663
2013.05.06 07.10.00	2013.05.06 08.17.00	37.353039	-121.800603	794020
2013.05.03 20.30.00	2013.05.03 21.24.00	37.410525	-121.857156	794065
2013.04.05 09.00.00	2013.04.05 09.02.00	37.33515	-121.840344	794337
2013.04.08 17.00.00	2013.04.08 19.25.00	37.345606	-121.834722	794342
2013.04.10 18.00.00	2013.04.10 20.00.00	37.216856	-121.851947	794343
2013.04.19 12.26.00	2013.04.19 12.40.00	37.287444	-121.972364	794350
2013.04.19 13.15.00	2013.04.19 13.16.00	37.341489	-121.907756	794357
2013.04.24 11.02.00	2013.04.24 11.12.00	37.3115	-121.803789	794363
2013.04.25 12.19.00	2013.04.25 12.20.00	37.3115	-121.803789	794366
2013.04.25 10.25.00	2013.04.25 10.28.00	37.394397	-121.853708	794367
2013.04.30 09.00.00	2013.04.30 11.05.00	37.280644	-121.855358	794368
2013.04.28 12.00.00	2013.04.28 20.35.00	37.350606	-121.801414	794499
2013.06.18 09.01.00	2013.06.18 09.47.00	37.330133	-121.942833	795777

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2013.05.01 19.00.00	2013.05.01 19.02.00	37.320133	-121.899889	796151
2013.05.03 11.50.00	2013.05.03 11.52.00	37.340792	-121.8672	796153
2013.05.21 14.13.00	2013.05.21 15.01.00	37.39125	-121.857203	796154
2013.05.24 12.56.00	2013.05.24 13.32.00	37.372483	-121.872075	796155
2013.05.27 09.05.00	2013.05.29 11.21.00	37.287242	-121.778367	796159
2013.05.30 12.00.00	2013.05.30 14.00.00	37.380183	-121.8441	796161
2013.06.28 08.49.00	2013.06.28 09.40.00	37.260283	-121.79735	796356
2013.07.04 11.00.00	2013.07.04 12.12.00	37.36875	-121.811636	796597
2013.07.10 14.40.00	2013.07.10 16.50.00	37.368719	-121.813344	796786
2013.06.02 19.35.00	2013.06.02 19.45.00	37.295622	-121.991283	797267
2013.06.03 14.00.00	2013.06.03 15.09.00	37.405542	-121.948167	797276
2013.06.05 09.15.00	2013.06.05 10.57.00	37.277008	-121.897681	797279
2013.06.23 10.00.00	2013.06.23 11.00.00	37.399258	-121.821031	797429
2013.07.26 08.00.00	2013.07.26 16.44.00	37.36525	-121.896561	797430
2013.07.30 18.10.00	2013.07.30 18.10.00	37.247311	-121.860294	798307
2013.07.22 17.00.00	2013.07.22 18.55.00	37.262808	-121.931328	798308
2013.07.10 17.45.00	2013.07.10 19.30.00	37.301392	-121.977158	798309
2013.07.09 19.55.00	2013.07.09 20.00.00	37.278367	-121.814583	798310
2013.08.27 11.30.00	2013.08.27 13.20.00	37.301325	-121.817853	798337
2013.08.06 10.02.00	2013.08.06 10.04.00	37.341564	-121.876219	799079
2013.08.08 12.11.00	2013.08.08 13.11.00	37.312586	-121.869994	799080
2013.08.15 16.30.00	2013.08.15 18.30.00	37.319642	-121.918889	799081
2013.08.17 15.13.00	2013.08.17 17.05.00	37.310694	-121.927136	799082
2013.08.26 20.40.00	2013.08.26 21.45.00	37.298269	-121.868517	799083
2013.09.14 17.58.00	2013.09.14 19.58.00	37.325894	-121.846958	799967
2013.09.07 16.00.00	2013.09.07 18.30.00	37.391758	-121.806942	800141
2013.09.16 12.00.00	2013.09.16 15.25.00	37.397767	-121.897289	800143

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2013.09.20 11.40.00	2013.09.20 11.41.00	37.259078	-121.920647	800146
2013.09.25 10.00.00	2013.09.25 11.05.00	37.398942	-121.821694	800149
2013.09.22 15.40.00	2013.09.22 16.20.00	37.277975	-121.818394	800152
2013.10.24 23.00.00	2013.10.25 09.40.00	37.357489	-121.838453	800327
2013.10.01 09.30.00	2013.10.01 09.31.00	37.313753	-121.903225	800811
2013.10.07 13.00.00	2013.10.09 11.50.00	37.304844	-121.886669	800814
2013.10.11 08.05.00	2013.10.11 11.00.00	37.340919	-121.900681	800816
2013.10.14 10.00.00	2013.10.15 08.12.00	37.243889	-121.778511	800819
2013.10.17 08.00.00	2013.10.17 13.37.00	37.353633	-121.816419	800820
2013.10.19 10.00.00	2013.10.19 11.50.00	37.31495	-121.958786	800825
2013.10.28 08.30.00	2013.10.28 11.30.00	37.342772	-121.857478	800830
2013.10.19 08.00.00	2013.10.19 10.10.00	37.269894	-121.817667	800831
2013.11.15 10.30.00	2013.11.15 13.37.00	37.269669	-121.739661	800881
2013.11.02 18.50.00	2013.11.02 18.54.00	37.305297	-121.881986	801351
2013.11.07 20.00.00	2013.11.07 21.00.00	37.263125	-121.940033	801353
2013.11.15 14.40.00	2013.11.15 15.45.00	37.317706	-121.946981	801381
2013.11.22 08.30.00	2013.11.22 10.35.00	37.335267	-121.892644	801384
2013.11.21 20.30.00	2013.11.21 21.33.00	37.338883	-121.831581	801387
2013.11.26 11.00.00	2013.11.26 21.00.00	37.341303	-121.792936	801392
2013.11.12 10.15.00	2013.11.12 11.01.00	37.269144	-121.919311	801398
2013.11.15 09.40.00	2013.11.15 09.46.00	37.238836	-121.827406	801409
2014.01.04 11.43.00	2014.01.04 13.33.00	37.242494	-121.875294	802578
2013.12.05 14.02.00	2013.12.05 14.46.00	37.353544	-121.807483	802580
2013.12.05 09.00.00	2013.12.05 12.20.00	37.346906	-121.856558	802581
2013.12.08 07.11.00	2013.12.08 09.15.00	37.313375	-121.803994	802583
2013.12.10 08.51.00	2013.12.10 09.12.00	37.253083	-121.848083	802584
2013.12.11 14.30.00	2013.12.11 15.00.00	37.267875	-121.896731	802586

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2013.12.11 08.24.00	2013.12.11 09.30.00	37.2768	-121.80765	802590
2013.12.18 11.00.00	2013.12.18 11.05.00	37.306542	-121.895819	802815
2013.12.18 13.05.00	2013.12.18 13.10.00	37.321956	-121.921931	802816
2013.12.30 08.30.00	2013.12.30 10.36.00	37.295228	-122.02895	802828
2013.12.19 10.15.00	2013.12.19 11.38.00	37.424778	-121.970344	802834
2013.12.23 11.15.00	2013.12.23 11.16.00	37.312594	-121.901658	802837
2014.01.06 22.00.00	2014.01.07 09.00.00	37.386347	-121.836714	802838
2014.01.08 08.00.00	2014.01.08 09.20.00	37.305581	-121.943725	802840
2013.12.24 09.00.00	2013.12.24 10.25.00	37.398908	-121.82165	802888
2013.12.26 08.00.00	2013.12.26 09.55.00	37.398703	-121.821997	802891
2014.01.16 08.00.00	2014.01.16 08.31.00	37.339456	-121.865444	803359
2014.02.02 09.27.00	2014.02.02 10.03.00	37.308661	-121.770222	803412
2014.01.19 11.20.00	2014.01.19 11.55.00	37.404536	-121.881022	803609
2014.01.21 12.30.00	2014.01.21 14.00.00	37.271017	-121.925836	803613
2014.02.09 12.30.00	2014.02.09 14.20.00	37.357075	-121.853819	803761
2014.01.24 10.45.00	2014.01.24 12.45.00	37.257917	-121.879306	803934
2014.02.04 07.30.00	2014.02.04 09.44.00	37.281369	-121.986547	804043
2014.02.04 10.00.00	2014.02.04 13.35.00	37.340978	-121.873703	804044
2014.02.05 20.10.00	2014.02.05 21.10.00	37.314531	-121.843486	804045
2014.02.20 09.00.00	2014.02.20 14.15.00	37.386192	-121.861486	804110
2014.02.20 13.58.00	2014.02.20 15.35.00	37.342978	-121.859789	804489
2014.03.10 08.15.00	2014.03.10 10.43.00	37.405325	-121.85005	804569
2014.03.13 08.45.00	2014.03.13 09.01.00	37.434236	-121.946381	804647
2014.03.16 13.00.00	2014.03.16 18.01.00	37.380964	-121.885464	804696
2014.03.10 08.00.00	2014.03.10 14.41.00	37.351089	-121.804575	804723
2014.03.12 13.45.00	2014.03.12 14.30.00	37.368247	-121.813975	804773
2014.03.19 12.45.00	2014.03.20 09.19.00	37.380642	-121.853842	804839

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2014.03.19 17.00.00	2014.03.19 17.02.00	37.205097	-121.841467	804847
2014.03.15 12.45.00	2014.03.15 13.20.00	37.275611	-121.910217	804907
2014.03.26 13.45.00	2014.03.26 16.30.00	37.235164	-121.801281	805149
2014.04.01 09.00.00	2014.04.01 15.41.00	37.360864	-121.850267	805177
2014.04.03 16.30.00	2014.04.03 19.08.00	37.360978	-121.799675	805259
2014.04.03 12.00.00	2014.04.03 13.59.00	37.354308	-121.790011	805323
2014.04.07 17.00.00	2014.04.09 16.46.00	37.216436	-121.840269	805401
2014.04.05 13.24.00	2014.04.05 13.26.00	37.266383	-121.936314	805412
2014.04.13 18.15.00	2014.04.13 18.40.00	37.315778	-121.931158	805526
2014.04.11 13.20.00	2014.04.11 13.25.00	37.266383	-121.936314	805529
2014.04.29 21.00.00	2014.04.29 22.15.00	37.391197	-121.889261	805820
2014.04.23 09.45.00	2014.04.23 09.47.00	37.285331	-121.987797	805926
2014.04.16 09.29.00	2014.04.16 09.30.00	37.246839	-121.898392	805976
2014.05.11 10.01.00	2014.05.11 11.01.00	37.316944	-121.890747	806182
2014.05.05 08.47.00	2014.05.05 10.44.00	37.207446	-121.538283	806334
2014.05.21 12.30.00	2014.05.21 12.33.00	37.271064	-121.920122	806365
2014.05.20 14.34.00	2014.05.20 15.40.00	37.385997	-121.915794	806436
2014.05.21 12.30.00	2014.05.21 12.33.00	37.271064	-121.920122	806441
2014.05.27 08.15.00	2014.05.27 08.37.00	37.222647	-121.892894	806593
2014.06.01 07.00.00	2014.06.01 13.15.00	37.364347	-121.805236	806727
2014.05.07 08.45.00	2014.05.07 10.27.00	37.328297	-121.942156	806752
2014.05.30 12.00.00	2014.06.02 08.32.00	37.228086	-121.789283	806837
2014.05.30 14.10.00	2014.05.30 14.15.00	37.24865	-121.840892	806946
2014.06.04 19.03.00	2014.06.04 19.05.00	37.319711	-121.915083	806948
2014.06.13 12.00.00	2014.06.13 13.03.00	37.24655	-121.913964	807030
2014.06.13 12.35.00	2014.06.13 13.15.00	37.328272	-121.861578	807146
2014.06.08 10.32.00	2014.06.08 10.38.00	37.377594	-121.859883	807147

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Sewage System Overflows Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2014.06.05 10.10.00	2014.06.05 10.15.00	37.33604	-121.948	807234
2014.06.16 15.00.00	2014.06.16 15.02.00	37.40379	-121.82127	807249
2014.06.29 13.49.00	2014.06.29 16.38.00	37.30814	-121.8654	807431
2014.07.05 14.30.00	2014.07.05 15.15.00	37.3288	-121.89343	807536
2014.07.01 16.20.00	2014.07.01 17.25.00	37.31257	-121.8401	807538
2014.07.06 14.00.00	2014.07.06 14.15.00	37.37503	-121.87977	807541
2014.07.03 07.30.00	2014.07.03 13.26.00	37.30648	-121.86363	807542
2014.07.09 19.00.00	2014.07.09 19.00.00	37.33091	-121.91719	807719
2014.07.18 17.00.00	2014.07.20 22.20.00	37.20761	-121.85968	807844
2014.07.23 17.00.00	2014.07.23 18.45.00	37.32613	-121.82025	808101
2014.07.30 10.00.00	2014.07.30 00.15.00	37.25468	-121.83894	808232
2014.08.09 09.50.00	2014.08.09 10.43.00	37.31135	-121.96527	808413
2014.08.13 09.49.00	2014.08.13 09.50.00	37.342795	-121.931058	808711
2014.08.17 07.30.00	2014.08.17 07.50.00	37.28075	-121.99124	808751
2014.08.16 17.00.00	2014.08.16 17.26.00	37.31861	-121.92345	808897
2014.09.07 10.05.00	2014.09.07 14.25.00	37.36367	-121.813	809241
2014.09.10 13.02.00	2014.09.10 13.03.00	37.34187	-121.90759	809255
2014.09.12 20.00.00	2014.09.12 21.00.00	37.31238	-121.88099	809256
2014.09.29 13.00.00	2014.09.29 19.00.00	37.24738	-121.78788	809707
2014.10.02 15.10.00	2014.10.02 15.15.00	37.24844	-121.87388	809790
2014.10.11 08.45.00	2014.10.11 09.25.00	37.39419	-121.83255	809908
2014.10.03 08.47.00	2014.10.03 09.52.00	37.28014	-121.9316	809937
2014.10.07 20.30.00	2014.10.07 21.30.00	37.22083	-121.86532	809939
2014.10.08 10.54.00	2014.10.08 10.55.00	37.25037	-121.88762	809943
2014.10.21 07.55.00	2014.10.21 08.07.00	37.29805	-121.98719	810112

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Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2009.11.29 14.15.00	2009.11.29 17.00.00	37.348486	-121.855581	747430
2009.11.29 15.30.00	2009.11.29 17.45.00	37.324389	-121.885253	747431
2009.12.02 19.46.00	2009.12.02 21.05.00	37.296111	-121.845556	747433
2009.12.03 15.30.00	2009.12.03 20.40.00	37.346606	-121.889283	747434
2009.12.03 18.31.00	2009.12.03 20.00.00	37.289575	-121.871628	747435
2009.12.06 15.37.00	2009.12.06 16.35.00	37.350347	-121.855392	747437
2009.12.06 17.20.00	2009.12.06 20.35.00	37.282964	-121.886958	747438
2009.12.07 17.46.00	2009.12.07 20.20.00	37.208467	-121.830314	747440
2009.12.11 19.31.00	2009.12.11 20.14.00	37.328431	-121.778006	748004
2009.12.14 14.43.00	2009.12.14 16.50.00	37.397519	-121.84915	748012
2009.12.14 21.30.00	2009.12.14 22.30.00	37.394292	-121.832225	748006
2009.12.15 08.33.00	2009.12.15 12.00.00	37.284633	-121.838186	748007
2009.12.17 19.25.00	2009.12.17 20.45.00	37.271214	-121.917831	748008
2009.12.18 15.10.00	2009.12.18 17.00.00	37.372806	-121.814289	748010
2009.12.20 16.35.00	2009.12.20 18.00.00	37.269903	-121.896203	748009
2009.12.22 08.55.00	2009.12.22 10.00.00	37.357422	-121.808781	748152
2009.12.28 09.20.00	2009.12.28 10.30.00	37.220414	-121.769306	748156
2009.12.28 09.31.00	2009.12.28 10.45.00	37.270861	-121.806514	748153
2009.12.28 10.27.00	2009.12.28 11.55.00	37.287947	-121.987042	748155
2009.12.29 09.13.00	2009.12.29 11.15.00	37.297528	-121.804475	748158
2009.12.29 11.45.00	2009.12.29 12.55.00	37.393514	-121.833936	748159
2009.12.30 20.35.00	2009.12.30 21.16.00	37.313347	-121.92145	748160
2009.12.31 09.53.00	2009.12.31 11.25.00	37.321542	-121.820364	748161
2010.01.04 20.15.00	2010.01.04 21.15.00	37.263833	-121.826744	748677
2010.01.05 10.05.00	2010.01.05 12.05.00	37.270483	-121.804989	748182
2010.01.11 16.47.00	2010.01.11 18.00.00	37.403531	-121.857717	748679
2010.01.11 21.23.00	2010.01.11 22.00.00	37.306378	-121.922889	748680

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Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.01.24 15.50.00	2010.01.24 19.50.00	37.300603	-121.805517	749298
2010.01.28 21.36.00	2010.01.28 22.45.00	37.389867	-121.874378	749301
2010.01.29 11.22.00	2010.01.29 12.30.00	37.307811	-122.022194	749302
2010.02.03 10.48.00	2010.02.03 11.55.00	37.400039	-121.878192	749304
2010.02.04 15.06.00	2010.02.04 16.45.00	37.260131	-121.797064	749306
2010.02.05 16.00.00	2010.02.05 22.50.00	37.250072	-121.880353	749308
2010.02.05 17.40.00	2010.02.05 19.40.00	37.35245	-121.824217	749307
2010.02.06 15.38.00	2010.02.06 18.35.00	37.319186	-121.901025	749310
2010.02.06 15.38.00	2010.02.06 17.15.00	37.307133	-121.916422	749312
2010.02.06 18.50.00	2010.02.06 21.00.00	37.358272	-121.908075	749311
2010.02.07 17.50.00	2010.02.07 19.00.00	37.337392	-121.911086	749313
2010.02.09 14.45.00	2010.02.09 16.30.00	37.220692	-121.868172	749318
2010.02.13 12.00.00	2010.02.13 15.30.00	37.284036	-121.833858	749850
2010.02.13 14.45.00	2010.02.13 16.30.00	37.344361	-121.931558	749846
2010.02.13 19.18.00	2010.02.13 21.30.00	37.276111	-121.909444	749848
2010.02.15 15.40.00	2010.02.15 17.05.00	37.311944	-121.791111	749851
2010.02.15 21.25.00	2010.02.15 22.55.00	37.299722	-121.936944	749852
2010.02.18 22.03.00	2010.02.18 22.50.00	37.307267	-121.808731	749853
2010.02.20 11.09.00	2010.02.20 12.15.00	37.267133	-121.904325	749857
2010.02.20 17.35.00	2010.02.20 19.25.00	37.292569	-121.975847	749858
2010.02.25 17.35.00	2010.02.25 19.00.00	37.350014	-121.825894	750044
2010.02.27 19.00.00	2010.02.27 20.40.00	37.327111	-121.834467	750049
2010.03.02 10.27.00	2010.03.02 13.00.00	37.400833	-121.829444	750043
2010.03.06 20.15.00	2010.03.06 21.00.00	37.304333	-121.782747	750784
2010.03.09 17.48.00	2010.03.09 18.35.00	37.364461	-121.860006	750785
2010.03.11 11.35.00	2010.03.11 12.29.00	37.260231	-121.940019	750788
2010.03.11 18.39.00	2010.03.11 21.10.00	37.350283	-121.825569	750786

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Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.03.14 21.20.00	2010.03.14 22.35.00	37.353067	-121.836075	750790
2010.03.15 16.42.00	2010.03.15 17.30.00	37.322347	-121.852094	750792
2010.03.20 16.45.00	2010.03.20 18.25.00	37.329939	-121.833786	751276
2010.03.21 15.06.00	2010.03.21 17.30.00	37.357222	-121.801667	751278
2010.03.22 16.00.00	2010.03.22 17.34.00	37.340981	-121.880392	751280
2010.03.24 19.02.00	2010.03.24 21.00.00	37.350556	-121.872222	751281
2010.03.25 16.12.00	2010.03.25 17.30.00	37.350378	-121.825378	751282
2010.03.25 18.06.00	2010.03.25 19.10.00	37.279722	-121.880278	751283
2010.03.28 10.25.00	2010.03.28 11.55.00	37.289575	-121.871628	751285
2010.03.30 22.06.00	2010.03.30 23.00.00	37.296617	-121.759967	751286
2010.03.31 18.45.00	2010.03.31 20.45.00	37.348578	-121.802494	751287
2010.04.04 11.00.00	2010.04.04 12.30.00	37.346872	-121.815942	751925
2010.04.05 15.00.00	2010.04.05 17.10.00	37.301492	-122.030494	751927
2010.04.05 18.59.00	2010.04.05 20.50.00	37.354575	-121.835308	751926
2010.04.06 14.11.00	2010.04.06 17.41.00	37.408639	-121.867442	751929
2010.04.12 12.30.00	2010.04.12 16.00.00	37.297928	-121.955592	751931
2010.04.14 19.11.00	2010.04.14 20.00.00	37.300225	-121.839461	751932
2010.04.22 22.30.00	2010.04.22 23.35.00	37.349461	-121.839878	752398
2010.04.24 20.30.00	2010.04.24 22.00.00	37.297231	-121.997031	752399
2010.04.25 10.32.00	2010.04.25 11.33.00	37.279167	-121.747778	752400
2010.04.25 17.30.00	2010.04.25 22.20.00	37.299303	-121.96155	752401
2010.04.27 19.00.00	2010.04.27 20.20.00	37.378481	-121.849542	752402
2010.04.27 23.30.00	2010.04.28 01.10.00	37.260294	-121.797069	752403
2010.04.30 22.50.00	2010.05.01 00.55.00	37.321317	-121.983061	752404
2010.05.02 13.25.00	2010.05.02 14.40.00	37.352222	-121.862222	752405
2010.05.03 19.15.00	2010.05.03 21.30.00	37.344569	-121.821281	752406
2010.05.06 08.55.00	2010.05.06 10.00.00	37.244997	-121.863433	752407

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Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.05.08 17.28.00	2010.05.08 19.00.00	37.294575	-121.997975	752408
2010.05.21 17.02.00	2010.05.21 18.40.00	37.289425	-121.828086	752831
2010.05.22 12.00.00	2010.05.22 13.45.00	37.243669	-121.912817	752833
2010.05.27 09.26.00	2010.05.27 10.25.00	37.320414	-121.834839	752835
2010.06.02 14.30.00	2010.06.02 17.35.00	37.332286	-121.883778	754141
2010.06.03 20.15.00	2010.06.03 21.10.00	37.408614	-121.855006	754144
2010.06.04 10.00.00	2010.06.04 12.00.00	37.316247	-121.919444	754767
2010.06.07 10.00.00	2010.06.07 11.40.00	37.406839	-121.877047	754152
2010.06.11 08.40.00	2010.06.11 09.30.00	37.206272	-121.873517	754156
2010.06.12 10.30.00	2010.06.12 12.30.00	37.407592	-121.936703	754157
2010.06.13 16.45.00	2010.06.13 17.45.00	37.240075	-121.917608	754159
2010.06.14 08.00.00	2010.06.14 09.30.00	37.391875	-121.921811	754160
2010.06.14 11.32.00	2010.06.14 14.15.00	37.321058	-121.975592	754973
2010.06.14 14.20.00	2010.06.14 16.30.00	37.348086	-121.832844	754768
2010.06.14 21.25.00	2010.06.14 22.00.00	37.380619	-121.839869	754162
2010.06.22 13.25.00	2010.06.22 14.55.00	37.322747	-121.878681	754972
2010.06.24 12.15.00	2010.06.24 14.00.00	37.344569	-121.821261	754971
2010.07.03 00.30.00	2010.07.03 02.30.00	37.364386	-121.858935	755440
2010.07.03 12.45.00	2010.07.03 14.15.00	37.333983	-121.805703	754406
2010.07.05 17.48.00	2010.07.05 19.00.00	37.283758	-121.913775	755439
2010.07.08 10.40.00	2010.07.08 13.30.00	37.298617	-122.011669	755441
2010.07.10 11.30.00	2010.07.10 13.30.00	37.257292	-121.947506	755737
2010.07.10 16.54.00	2010.07.10 23.25.00	37.300353	-121.926317	755736
2010.07.10 18.37.00	2010.07.10 19.50.00	37.241039	-121.814883	755730
2010.07.18 19.45.00	2010.07.18 20.50.00	37.260328	-121.797347	755734
2010.07.20 11.30.00	2010.07.20 13.30.00	37.241508	-121.898922	755738
2010.07.20 17.01.00	2010.07.20 19.45.00	37.358964	-121.835883	755741

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Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.07.20 21.07.00	2010.07.20 22.30.00	37.380003	-121.875278	755740
2010.07.22 13.33.00	2010.07.22 14.30.00	37.392942	-121.877122	755437
2010.07.26 10.40.00	2010.07.26 13.30.00	37.303575	-121.860947	755735
2010.07.27 09.00.00	2010.07.27 10.15.00	37.249828	-121.890083	756466
2010.07.30 11.30.00	2010.07.30 12.30.00	37.413817	-121.961497	756471
2010.08.03 23.10.00	2010.08.04 02.30.00	37.337394	-121.792842	756469
2010.08.06 14.10.00	2010.08.06 15.00.00	37.230481	-121.767619	756473
2010.08.15 11.30.00	2010.08.15 12.30.00	37.293614	-121.980583	756474
2010.08.15 15.25.00	2010.08.15 17.00.00	37.384778	-121.828667	756475
2010.08.17 18.00.00	2010.08.17 21.40.00	37.296267	-121.827464	756852
2010.08.25 11.30.00	2010.08.25 15.00.00	37.336825	-121.905844	756856
2010.08.25 21.02.00	2010.08.25 22.00.00	37.365706	-121.842403	756849
2010.08.25 21.08.00	2010.08.26 00.30.00	37.315708	-121.800961	756848
2010.08.27 09.08.00	2010.08.27 09.35.00	37.341264	-121.821317	756853
2010.08.28 11.00.00	2010.08.28 13.30.00	37.318158	-121.922356	756854
2010.08.28 15.08.00	2010.08.28 17.11.00	37.325178	-121.836669	756860
2010.08.30 00.39.00	2010.08.30 05.00.00	37.273264	-121.814161	756857
2010.09.05 18.00.00	2010.09.10 12.30.00	37.313611	-121.903531	756979
2010.09.11 08.00.00	2010.09.11 09.45.00	37.411444	-121.861617	757467
2010.09.15 23.30.00	2010.09.16 01.30.00	37.270153	-121.808947	757469
2010.09.25 11.15.00	2010.09.25 12.10.00	37.319675	-121.916892	758050
2010.09.27 19.50.00	2010.09.27 20.30.00	37.33885	-121.795047	758052
2010.09.28 09.00.00	2010.09.28 09.30.00	37.281122	-121.758672	758053
2010.10.04 17.00.00	2010.10.04 18.15.00	37.242628	-121.819717	758054
2010.10.09 09.00.00	2010.10.09 13.35.00	37.298583	-121.801094	758055
2010.10.13 13.14.00	2010.10.13 15.00.00	37.418622	-121.862211	758056
2010.10.19 11.00.00	2010.10.19 12.15.00	37.317158	-121.890694	758592

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Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.10.24 12.00.00	2010.10.24 13.10.00	37.283322	-121.835903	758593
2010.10.26 09.35.00	2010.10.26 10.00.00	37.307483	-121.921967	758594
2010.10.26 18.04.00	2010.10.26 18.45.00	37.345417	-121.931303	758597
2010.10.26 18.51.00	2010.10.26 20.15.00	37.310442	-121.886411	758596
2010.10.27 15.00.00	2010.10.27 19.00.00	37.382192	-121.933331	758598
2010.10.30 14.00.00	2010.10.30 14.55.00	37.242547	-121.913953	758599
2010.10.31 13.30.00	2010.10.31 15.30.00	37.274092	-121.759347	758331
2010.11.01 08.00.00	2010.11.01 09.35.00	37.365044	-121.860594	758600
2010.11.01 08.00.00	2010.11.01 10.00.00	37.275219	-121.819319	758601
2010.11.01 21.15.00	2010.11.01 21.35.00	37.217906	-121.873706	758603
2010.11.06 10.00.00	2010.11.06 11.45.00	37.259081	-121.878347	758613
2010.11.12 07.30.00	2010.11.12 08.34.00	37.400942	-121.862192	758890
2010.11.12 09.30.00	2010.11.12 10.30.00	37.264292	-121.906581	758888
2010.11.13 09.30.00	2010.11.13 11.45.00	37.403358	-121.881872	759286
2010.11.13 15.27.00	2010.11.13 17.45.00	37.287725	-121.99215	758891
2010.11.15 08.00.00	2010.11.15 09.00.00	37.320275	-121.834611	759287
2010.11.15 09.35.00	2010.11.15 10.32.00	37.320453	-121.982778	759289
2010.11.19 07.00.00	2010.11.19 09.30.00	37.300564	-121.921278	759291
2010.11.21 14.45.00	2010.11.21 15.15.00	37.382192	-121.933331	763502
2010.11.25 11.30.00	2010.11.25 14.35.00	37.320031	-121.834425	759876
2010.11.30 10.05.00	2010.11.30 10.45.00	37.389864	-121.874397	759294
2010.12.02 11.00.00	2010.12.02 11.50.00	37.289994	-121.909558	759295
2010.12.16 07.00.00	2010.12.16 09.50.00	37.217622	-121.873725	759882
2010.12.16 14.00.00	2010.12.16 18.20.00	37.283947	-121.834386	759884
2010.12.18 07.30.00	2010.12.18 12.30.00	37.219158	-121.875969	759672
2010.12.21 07.30.00	2010.12.21 09.16.00	37.338172	-121.794717	759746
2010.12.22 17.00.00	2010.12.22 19.00.00	37.296111	-121.806667	759886

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Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2010.12.23 11.30.00	2010.12.23 15.20.00	37.327414	-121.838356	759889
2010.12.23 12.30.00	2010.12.23 15.15.00	37.363008	-121.860508	759887
2010.12.28 15.20.00	2010.12.28 16.15.00	37.346583	-121.810372	761608
2011.01.05 07.40.00	2011.01.05 08.50.00	37.310833	-121.820003	761610
2011.01.07 17.50.00	2011.01.07 18.50.00	37.339903	-121.934097	761613
2011.01.09 12.00.00	2011.01.09 12.55.00	37.246586	-121.839753	762494
2011.01.12 09.05.00	2011.01.12 09.30.00	37.317681	-121.969003	762497
2011.01.14 05.30.00	2011.01.14 08.25.00	37.317119	-121.783406	762501
2011.01.15 08.00.00	2011.01.15 08.35.00	37.40305	-121.875928	762950
2011.01.15 11.50.00	2011.01.15 14.30.00	37.377908	-121.867081	762948
2011.01.16 09.50.00	2011.01.16 10.40.00	37.296792	-121.996586	762952
2011.01.19 08.00.00	2011.01.19 09.30.00	37.21825	-121.877944	763698
2011.01.22 11.40.00	2011.01.22 12.11.00	37.413942	-121.854964	762954
2011.01.23 11.10.00	2011.01.23 11.34.00	37.358333	-121.855731	762955
2011.01.26 09.00.00	2011.01.26 09.50.00	37.295944	-121.962861	762962
2011.01.27 09.45.00	2011.01.27 10.50.00	37.247503	-121.880611	762964
2011.01.28 13.15.00	2011.01.28 13.50.00	37.395783	-121.883206	762966
2011.02.01 10.15.00	2011.02.01 11.40.00	37.298114	-121.987617	762485
2011.02.02 07.30.00	2011.02.02 09.05.00	37.351269	-121.814619	763700
2011.02.03 10.30.00	2011.02.03 17.00.00	37.31025	-121.919414	762486
2011.02.05 18.00.00	2011.02.05 18.45.00	37.247914	-121.932778	763703
2011.02.07 21.00.00	2011.02.07 22.15.00	37.305011	-121.98005	763829
2011.02.08 11.15.00	2011.02.08 11.55.00	37.299672	-121.965122	763704
2011.02.10 10.00.00	2011.02.10 10.40.00	37.356389	-121.811111	764806
2011.02.10 11.30.00	2011.02.10 12.26.00	37.271425	-121.940175	763945
2011.02.12 11.00.00	2011.02.12 11.30.00	37.220278	-121.855003	763717
2011.02.12 12.00.00	2011.02.12 12.45.00	37.300903	-121.869069	763713

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Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.02.12 12.30.00	2011.02.12 13.45.00	37.312503	-121.795833	762961
2011.02.13 11.00.00	2011.02.13 12.00.00	37.313611	-121.908056	764808
2011.02.13 12.30.00	2011.02.13 13.00.00	37.263636	-121.901872	764807
2011.02.15 08.34.00	2011.02.15 09.03.00	37.281139	-121.971558	764810
2011.02.20 09.00.00	2011.02.20 11.00.00	37.270664	-121.939564	764820
2011.02.22 08.15.00	2011.02.22 21.25.00	37.272833	-121.906986	764824
2011.02.26 13.00.00	2011.02.26 19.00.00	37.348836	-121.819122	763944
2011.02.26 15.15.00	2011.02.26 15.30.00	37.303922	-121.886311	764826
2011.02.26 18.00.00	2011.02.26 21.40.00	37.328011	-121.911475	764827
2011.03.04 11.37.00	2011.03.04 12.10.00	37.269781	-121.912644	765658
2011.03.05 20.15.00	2011.03.05 20.56.00	37.227222	-121.803931	765659
2011.03.08 18.00.00	2011.03.08 20.22.00	37.274108	-121.805189	764313
2011.03.12 09.00.00	2011.03.12 10.40.00	37.299983	-121.888503	765796
2011.03.13 09.00.00	2011.03.13 09.55.00	37.366378	-121.803283	765797
2011.03.13 14.00.00	2011.03.13 16.10.00	37.395703	-121.880256	764429
2011.03.15 08.25.00	2011.03.15 09.25.00	37.352783	-121.839992	765798
2011.03.21 15.50.00	2011.03.21 17.00.00	37.301667	-122.000556	765833
2011.03.22 17.25.00	2011.03.22 18.35.00	37.381111	-121.875278	765835
2011.03.25 10.10.00	2011.03.25 11.00.00	37.326789	-121.805603	765837
2011.03.26 12.00.00	2011.03.26 12.35.00	37.385833	-121.847222	765841
2011.03.26 13.00.00	2011.03.26 14.00.00	37.358828	-121.836186	765843
2011.03.26 20.15.00	2011.03.26 20.55.00	37.265278	-121.826944	765838
2011.03.30 12.30.00	2011.03.30 12.32.00	37.320433	-121.832361	765845
2011.04.03 15.30.00	2011.04.03 19.50.00	37.286647	-121.804842	766916
2011.04.11 19.00.00	2011.04.11 20.45.00	37.329444	-121.789722	766917
2011.04.16 15.12.00	2011.04.16 15.54.00	37.383056	-121.849722	766918
2011.04.21 07.35.00	2011.04.21 08.42.00	37.296825	-121.998361	766919

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.04.23 11.45.00	2011.04.23 12.00.00	37.239917	-121.888583	766922
2011.04.24 22.05.00	2011.04.24 23.01.00	37.263525	-121.940978	766920
2011.04.25 09.30.00	2011.04.25 09.45.00	37.313083	-121.955806	766921
2011.04.28 19.48.00	2011.04.28 20.28.00	37.324458	-121.794053	766924
2011.04.30 09.20.00	2011.04.30 09.40.00	37.317439	-121.78695	766927
2011.04.30 18.04.00	2011.04.30 18.28.00	37.401069	-121.825497	766926
2011.05.03 16.40.00	2011.05.03 20.30.00	37.305833	-121.899167	767830
2011.05.03 17.00.00	2011.05.03 18.25.00	37.322506	-121.911156	767832
2011.05.07 10.30.00	2011.05.07 11.20.00	37.265222	-121.942361	766314
2011.05.07 19.10.00	2011.05.07 20.10.00	37.356256	-121.814808	767833
2011.05.08 09.45.00	2011.05.08 10.15.00	37.306944	-121.969722	767834
2011.05.08 17.20.00	2011.05.08 17.52.00	37.299167	-121.957506	767835
2011.05.09 17.35.00	2011.05.09 18.35.00	37.306667	-121.922506	767836
2011.05.10 14.45.00	2011.05.10 15.55.00	37.365411	-121.845883	767837
2011.05.11 10.00.00	2011.05.11 12.30.00	37.330036	-121.879225	767839
2011.05.13 13.26.00	2011.05.13 16.36.00	37.200039	-121.833478	766496
2011.05.15 16.30.00	2011.05.15 20.40.00	37.291069	-121.872764	766643
2011.05.15 18.00.00	2011.05.15 18.40.00	37.407444	-121.859039	767840
2011.05.16 09.00.00	2011.05.16 10.05.00	37.326536	-121.841883	767847
2011.05.17 10.00.00	2011.05.17 14.00.00	37.313114	-121.941578	768005
2011.05.18 15.00.00	2011.05.18 15.30.00	37.364875	-121.829019	768007
2011.05.24 00.30.00	2011.05.24 03.30.00	37.410814	-121.936469	766891
2011.05.24 08.00.00	2011.05.24 08.50.00	37.286469	-121.881556	768010
2011.05.25 08.19.00	2011.05.25 09.10.00	37.358828	-121.856256	768011
2011.05.27 09.30.00	2011.05.27 10.25.00	37.343292	-121.875156	768015
2011.06.01 22.05.00	2011.06.01 23.30.00	37.262561	-121.799122	768017
2011.06.10 08.07.00	2011.06.10 08.38.00	37.309056	-121.974933	768777

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.06.10 18.04.00	2011.06.10 18.52.00	37.312497	-121.79745	768782
2011.06.11 21.00.00	2011.06.11 22.45.00	37.346408	-121.857422	768785
2011.06.12 14.30.00	2011.06.12 21.50.00	37.38375	-121.857222	768786
2011.06.12 16.04.00	2011.06.12 16.55.00	37.353964	-121.869997	768788
2011.06.20 08.15.00	2011.06.20 15.15.00	37.200778	-121.839106	767780
2011.06.21 17.31.00	2011.06.21 18.15.00	37.217933	-121.878003	768910
2011.06.25 14.20.00	2011.06.25 14.40.00	37.20245	-121.835897	768912
2011.06.28 10.30.00	2011.06.28 11.10.00	37.398847	-121.861489	768914
2011.06.30 08.00.00	2011.06.30 08.22.00	37.328889	-121.903889	768918
2011.07.02 10.15.00	2011.07.05 10.15.00	37.319233	-121.950039	770466
2011.07.04 22.45.00	2011.07.04 23.30.00	37.421972	-122.085006	770481
2011.07.12 16.30.00	2011.07.12 19.45.00	37.358939	-121.854861	768547
2011.07.31 09.45.00	2011.07.31 10.25.00	37.224667	-121.880644	770497
2011.08.13 18.55.00	2011.08.13 19.57.00	37.200911	-121.848503	771389
2011.08.14 18.30.00	2011.08.14 19.16.00	37.227753	-121.86945	771391
2011.08.16 16.06.00	2011.08.16 16.30.00	37.362064	-121.855819	771392
2011.08.20 08.00.00	2011.08.20 10.15.00	37.262361	-121.85525	771394
2011.09.01 11.30.00	2011.09.01 15.45.00	37.293647	-121.985733	772194
2011.09.02 20.13.00	2011.09.02 20.51.00	37.317592	-121.946978	772195
2011.09.18 21.00.00	2011.09.18 21.52.00	37.270203	-121.83965	772203
2011.09.21 20.09.00	2011.09.21 20.43.00	37.320372	-121.950369	772271
2011.09.25 14.00.00	2011.09.25 18.30.00	37.414794	-121.874517	772274
2011.09.29 15.00.00	2011.09.29 16.00.00	37.343589	-121.929489	772276
2011.10.01 11.00.00	2011.10.01 11.30.00	37.280103	-121.924289	773413
2011.10.08 10.40.00	2011.10.08 12.00.00	37.326103	-121.879503	773414
2011.10.13 20.41.00	2011.10.13 21.06.00	37.272108	-121.879703	773415
2011.10.15 10.22.00	2011.10.15 10.50.00	37.271936	-121.880333	773417

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Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.10.17 07.30.00	2011.10.17 16.55.00	37.270614	-121.937283	773418
2011.10.18 14.30.00	2011.10.18 16.25.00	37.352144	-121.856483	773419
2011.10.19 10.15.00	2011.10.19 11.45.00	37.311289	-121.931283	773420
2011.10.23 09.35.00	2011.10.23 10.25.00	37.249608	-121.910994	773421
2011.10.29 16.48.00	2011.10.29 17.17.00	37.374925	-121.919294	773424
2011.11.04 08.30.00	2011.11.04 13.00.00	37.309611	-121.922775	774085
2011.11.05 13.00.00	2011.11.05 14.17.00	37.230533	-121.908317	774088
2011.11.07 09.45.00	2011.11.07 10.30.00	37.261847	-121.798572	774090
2011.11.07 16.09.00	2011.11.07 16.42.00	37.348606	-121.832953	774089
2011.11.13 10.10.00	2011.11.13 10.50.00	37.290347	-121.983967	774092
2011.11.13 10.30.00	2011.11.13 12.05.00	37.307908	-122.004983	774094
2011.11.13 11.40.00	2011.11.13 14.10.00	37.362594	-121.811908	774096
2011.11.14 09.30.00	2011.11.14 11.32.00	37.241639	-121.926611	774098
2011.11.14 17.53.00	2011.11.14 18.25.00	37.292933	-121.981603	774102
2011.11.17 08.00.00	2011.11.17 08.45.00	37.23845	-121.804808	774103
2011.11.19 08.30.00	2011.11.19 11.10.00	37.262494	-121.802464	774105
2011.11.20 17.12.00	2011.11.20 18.30.00	37.317244	-121.995219	773375
2011.11.21 10.15.00	2011.11.21 11.16.00	37.299111	-121.985861	773403
2011.11.21 20.25.00	2011.11.21 20.30.00	37.261036	-121.863797	774106
2011.11.23 08.30.00	2011.11.23 09.20.00	37.305211	-121.893136	774130
2011.11.23 14.35.00	2011.11.23 15.20.00	37.375822	-121.856542	773545
2011.11.23 17.00.00	2011.11.23 17.40.00	37.338256	-121.867081	774132
2011.11.23 18.00.00	2011.11.23 22.15.00	37.318214	-121.967306	774134
2011.11.26 09.05.00	2011.11.26 10.45.00	37.322083	-121.892778	774136
2011.11.27 17.10.00	2011.11.27 19.42.00	37.261794	-121.884361	774139
2011.11.29 18.30.00	2011.11.29 18.40.00	37.306608	-121.922914	774140
2011.11.30 15.45.00	2011.11.30 16.45.00	37.266489	-121.951581	774141

EXHIBIT B

Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System

Reported by San Jose from Nov 24, 2009 to Nov 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2011.12.02 11.15.00	2011.12.02 12.30.00	37.244638	-121.846658	774144
2011.12.03 10.30.00	2011.12.03 12.00.00	37.316019	-121.804072	774146
2011.12.03 11.00.00	2011.12.03 13.50.00	37.302285	-121.937411	774145
2011.12.07 20.50.00	2011.12.07 21.34.00	37.284803	-121.900364	775178
2011.12.08 19.30.00	2011.12.08 20.23.00	37.409842	-121.847975	775193
2011.12.10 09.45.00	2011.12.10 10.15.00	37.239572	-121.934969	775194
2011.12.12 12.10.00	2011.12.12 12.46.00	37.217206	-121.848367	775197
2011.12.14 12.59.00	2011.12.14 13.30.00	37.308491	-122.020475	775202
2011.12.17 08.00.00	2011.12.17 09.20.00	37.297731	-122.016975	775204
2011.12.17 12.00.00	2011.12.17 13.30.00	37.263405	-121.937611	775208
2011.12.17 13.00.00	2011.12.17 17.10.00	37.384303	-121.860022	775212
2011.12.23 13.50.00	2011.12.23 15.20.00	37.311822	-121.897472	775219
2011.12.26 12.30.00	2011.12.26 13.34.00	37.364533	-121.859178	775222
2012.01.06 07.15.00	2012.01.06 22.22.00	37.359944	-121.856388	775669
2012.01.06 16.00.00	2012.01.06 17.04.00	37.219562	-121.880796	775667
2012.01.12 18.21.00	2012.01.12 20.30.00	37.346218	-121.860522	776955
2012.01.14 19.00.00	2012.01.14 21.46.00	37.316214	-121.873997	776930
2012.01.15 16.54.00	2012.01.15 18.05.00	37.321842	-121.893172	776088
2012.01.23 07.30.00	2012.01.23 12.00.00	37.310381	-121.994625	777484
2012.01.23 14.30.00	2012.01.23 19.14.00	37.330483	-121.842047	776388
2012.01.24 14.00.00	2012.01.24 18.15.00	37.334217	-121.858175	776950
2012.01.25 09.08.00	2012.01.25 10.35.00	37.274667	-121.849747	777485
2012.01.28 08.30.00	2012.01.28 11.15.00	37.267297	-121.939875	776972
2012.02.04 10.15.00	2012.02.04 12.41.00	37.294056	-121.785667	778773
2012.02.07 08.00.00	2012.02.07 14.30.00	37.290833	-121.771014	777421
2012.02.09 14.00.00	2012.02.09 14.41.00	37.398901	-121.860211	777406
2012.02.11 18.47.00	2012.02.11 19.35.00	37.329564	-121.843386	778422

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM

A — BUSINESS NAME: SACRAMENTO COUNTY SANITATION DISTRICT NO. 1 (CSD-1) | FACILITY EMERGENCY CONTACT/PHONE NUMBER: Jay Cha / (916) 216-9752

B — INCIDENT DATE: 11/16/2007 | TIME OES WAS NOTIFIED (24 HOUR TIME): | OES CONTROL NUMBER: 0 7 - 7 | 1 | 0 | 8 |

C — INCIDENT LOCATION: 8535 Elk Grove Blvd. | CITY/COMMUNITY: Elk Grove | COUNTY: Sacramento | ZIP: 95642

D — CHEMICAL OR TRADE NAME: Sewage | CAS NUMBER:
CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A | CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C. 9603 (a)
PHYSICAL STATE CONTAINED: [ ] SOLID [X] LIQUID [ ] GAS | PHYSICAL STATE RELEASED: [ ] SOLID [X] LIQUID [ ] GAS | QUANTITY RELEASED: 2,360 Gallons
ENVIRONMENTAL CONTAMINATION: [ ] AIR [ ] WATER [X] GROUND [ ] OTHER [X] DRAINAGE INLET | TIME OF RELEASE: 12:27 | DURATION OF RELEASE: 2 hour 45 minutes

E — ACTIONS TAKEN: At 12:27 P.M. CSD-1 was notified of an overflow. CSD-1 crews arrived on site at 1:03 P.M. and plugged the drain inlet to prevent additional sewage from entering the storm drain. CSD-1 crews checked the mainline and CSD-1 crews cleaned both were clear. CSD-1 staff notified Sacramento County Environmental Management Department (EMD) at 1:28 P.M. EMD arrived at 1:?? P.M. and contacted the property owner at Kirco Realty. Rapid Rooter arrived at 3:00 P.M. and cleared the private service line. The sewage was contained in the storm drain and CSD-1 crew began cleaning the storm drain at 3:12 P.M. CSD-1 crews finished cleaning the storm drain at 4:15 P.M. and left the site. A private contractor cleaned the sewage from the parking lot.

F — POSSIBLE HEALTH EFFECTS (EXPLAIN YOUR RESPONSE. ALSO COMPLETE SECTION H, COMMENTS.)
[ ] ACUTE OR IMMEDIATE:
[ ] CHRONIC OR DELAYED:
[X] UNKNOWN

G — ADVICE REGARDING MEDICAL ATTENTION FOR EXPOSED INDIVIDUALS: None

H — COMMENTS: An estimated 2,360 gallons of sewage discharged and entered the storm drain system. The overflow was contained in the storm drain and removed. The overflow was caused by grease in the private service line.

I — CERTIFICATION: I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

REPORTING FACILITY REPRESENTATIVE:
NAME: Mike Huot
SIGNATURE: Mike Huot
DATE: December 7, 2007

DISTRIBUTION:
COPY: Certified Mail to
Governor's Office of Emergency Services
ATTN: Section 304 Reports
3650 Schriever Ave
Mather, CA 95655

Copy – Division File M650.000
Copy – Christoph Dobson, Division Chief
Copy – Don Rejo, Area M & O Manager
Original – Mike Huot, SSO Reporting Head

EXHIBIT B

Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.02.12 10.00.00	2012.02.12 12.10.00	37.260444	-121.916806	778441
2012.02.14 19.45.00	2012.02.14 20.28.00	37.335164	-121.835906	778450
2012.02.15 21.00.00	2012.02.15 21.45.00	37.32717	-121.80471	777759
2012.02.17 17.30.00	2012.02.17 18.30.00	37.324333	-121.844528	778452
2012.02.24 11.00.00	2012.02.24 12.10.00	37.353139	-121.800361	778469
2012.02.26 12.30.00	2012.02.26 13.05.00	37.277389	-121.935194	778473
2012.02.26 13.40.00	2012.02.26 14.55.00	37.307039	-121.915228	778131
2012.03.01 18.40.00	2012.03.01 19.15.00	37.320458	-121.835764	778757
2012.03.01 19.42.00	2012.03.01 20.15.00	37.364206	-121.860781	778761
2012.03.02 08.10.00	2012.03.02 08.57.00	37.240722	-121.809642	778419
2012.03.07 20.45.00	2012.03.07 23.47.00	37.341244	-121.909708	778605
2012.03.09 09.45.00	2012.03.09 09.55.00	37.351111	-121.905889	778771
2012.03.10 16.30.00	2012.03.10 17.28.00	37.382219	-121.826681	778776
2012.03.12 10.00.00	2012.03.12 18.07.00	37.227753	-121.836117	778778
2012.03.15 10.28.00	2012.03.15 11.16.00	37.309083	-122.019733	780115
2012.03.16 04.50.00	2012.03.16 07.17.00	37.308472	-121.775978	778853
2012.03.31 17.30.00	2012.03.31 19.05.00	37.247903	-121.944497	779503
2012.03.31 18.30.00	2012.03.31 23.00.00	37.398689	-121.822011	779506
2012.04.02 17.30.00	2012.04.02 19.10.00	37.225456	-121.885703	779500
2012.04.08 16.30.00	2012.04.08 19.22.00	37.298706	-121.984522	779872
2012.04.09 10.30.00	2012.04.09 12.30.00	37.356475	-121.851825	779873
2012.04.11 20.29.00	2012.04.11 21.48.00	37.318172	-121.9226	781239
2012.04.12 08.00.00	2012.04.12 08.55.00	37.310408	-121.800475	781240
2012.04.12 15.45.00	2012.04.12 16.30.00	37.315583	-121.950222	781241
2012.04.13 09.00.00	2012.04.13 09.50.00	37.204192	-121.859403	780286
2012.04.14 11.00.00	2012.04.14 12.30.00	37.271667	-121.829444	781244
2012.04.16 09.30.00	2012.04.16 10.35.00	37.238556	-121.918167	781246

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM

A — **BUSINESS NAME:** SACRAMENTO COUNTY SANITATION DISTRICT NO. 1 (CSD-1)

FACILITY EMERGENCY CONTACT/PHONE NUMBER: Jay Cha / (916) 216-9752

B — **INCIDENT DATE:** 11/17/2007

TIME DOES WAS NOTIFIED: 2 | 0 | 7 (24 HOUR TIME)

OES CONTROL NUMBER: 7 | 3 | 1 |

C — **INCIDENT LOCATION:** 8441 Fair Oaks Blvd.

CITY/COMMUNITY: Elk Grove

COUNTY: Sacramento

ZIP: 95608

D — **CHEMICAL OR TRADE NAME:** Sewage

CAS NUMBER:

CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A

CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 40 CFR 302.6(a)(2)

PHYSICAL STATE CONTAINED:
[ ] SOLID [X] LIQUID [ ] GAS

PHYSICAL STATE RELEASED:
[ ] SOLID [X] LIQUID [ ] GAS

QUANTITY RELEASED: 620 Gallons

ENVIRONMENTAL CONTAMINATION:
[ ] AIR [ ] WATER
[X] GROUND [ ] OTHER
[X] DRAINAGE INLET

TIME OF RELEASE: 14:46

DURATION OF RELEASE: 1 hour 02 minutes

E — **ACTIONS TAKEN:** On November 17, 2007, at 2:46 P.M., CSD-1 was notified of an overflow. CSD-1 staff arrived on site at 3:21 P.M. and identified the cleanout overflowing. At 3:31 P.M. additional CSD-1 crews arrived on site, broke the stoppage at 3:48 P.M. and began cleaning the overflow using a vacuum truck. At 12:31 P.M. CSD-1 staff began collecting water samples from the unnamed creek and found evidence of sewage contamination. At 7:30 P.M. CSD-1 crews began flushing the unnamed creek with re-chlorinated water. The flush water was recovered from the unnamed creek with a pump and discharged the water back into the sanitary sewer system.

On November 18, at 6:45 A.M. CSD-1 staff began collecting follow-up water samples from the creek and found no signs of sewer contamination. CSD-1 crews stopped pumping at 8:30 A.M. and finished cleaning the site at 10:00 A.M.

F — **POSSIBLE HEALTH EFFECTS** (EXPLAIN YOUR RESPONSE. ALSO COMPLETE SECTION H, COMMENTS.)

[ ] ACUTE OR IMMEDIATE:
[ ] CHRONIC OR DELAYED:
[ ] UNKNOWN

G — **ADVICE REGARDING MEDICAL ATTENTION FOR EXPOSED INDIVIDUALS:** None

H — **COMMENTS:** An estimated 620 gallons of sewage discharged from a private residential sewer cleanout, flowed down a private road, and then entered an unnamed creek. The overflow was contained in the unnamed creek by a sandbag dam approximately 3,300 feet downstream from the entry point. The overflow was caused by grease deposition that led to a stoppage in the CSD-1 sewer mainline.

I — **CERTIFICATION:** I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

REPORTING FACILITY REPRESENTATIVE:

NAME: Mike Huot **DATE:** December 7, 2007

SIGNATURE:

DISTRIBUTION:

COPY: Certified Mail
Governor's Office of Emergency Services
ATTN: Section 313 Reports
3650 Shriever Ave
Mather, CA 95655

Copy – Division File M650.000
Copy – Christoph Dobson, Division Chief
1 Copy – Gary Bailey, Area M & O Manager
Original – Mike Huot, SSO Reporting Head

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EXHIBIT B
Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System
(Reported by San Jose from Nov 24, 2014)
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EXHIBIT B

Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.07.15 16.45.00	2012.07.15 18.10.00	37.338053	-121.93265	785237
2012.07.15 18.00.00	2012.07.15 19.45.00	37.285072	-121.983072	785239
2012.07.22 19.00.00	2012.07.23 19.00.00	37.387447	-121.831497	785241
2012.07.27 12.35.00	2012.07.27 13.27.00	37.249439	-121.941603	784694
2012.07.30 10.55.00	2012.07.30 11.30.00	37.27485	-121.849825	785330
2012.07.31 16.00.00	2012.07.31 19.35.00	37.321617	-121.9515	785331
2012.08.02 10.50.00	2012.08.02 11.15.00	37.419614	-121.864375	786530
2012.08.07 15.00.00	2012.08.07 16.15.00	37.245544	-121.899794	786531
2012.08.12 21.00.00	2012.08.12 21.53.00	37.418503	-121.868828	785134
2012.08.14 07.00.00	2012.08.14 08.35.00	37.270744	-121.740822	785234
2012.08.14 19.00.00	2012.08.15 09.50.00	37.31725	-121.890736	786532
2012.08.16 09.45.00	2012.08.16 16.09.00	37.309333	-121.943472	786536
2012.08.19 11.00.00	2012.08.19 14.05.00	37.276803	-121.804917	785418
2012.08.28 07.45.00	2012.08.28 09.20.00	37.38165	-121.830703	785803
2012.08.31 07.00.00	2012.08.31 16.26.00	37.243278	-121.776056	786537
2012.08.31 12.10.00	2012.08.31 13.20.00	37.38325	-121.84975	786538
2012.09.06 21.15.00	2012.09.06 22.38.00	37.291031	-121.825833	786016
2012.09.08 07.51.00	2012.09.08 11.45.00	37.378161	-121.829233	786020
2012.09.11 17.00.00	2012.09.11 20.22.00	37.323592	-121.841969	787518
2012.09.11 22.00.00	2012.09.13 12.00.00	37.328442	-121.917717	787525
2012.09.12 17.15.00	2012.09.12 18.00.00	37.30345	-121.939406	787523
2012.09.12 19.00.00	2012.09.13 00.05.00	37.360369	-121.90775	787522
2012.09.17 13.00.00	2012.09.17 13.20.00	37.356114	-121.876892	787530
2012.09.18 12.30.00	2012.09.18 15.55.00	37.350133	-121.801214	787532
2012.09.21 09.00.00	2012.09.21 11.40.00	37.271569	-121.933394	787534
2012.09.28 17.30.00	2012.09.28 19.30.00	37.313986	-121.830531	787541
2012.09.28 19.58.00	2012.09.28 21.12.00	37.288081	-121.756186	786913

EXHIBIT B

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM

A	**BUSINESS NAME:** SACRAMENTO COUNTY DEPARTMENT OF WATER QUALITY SACRAMENTO	**FACILITY EMERGENCY CONTACT/PHONE NUMBER** Jay Cha / (916) 216-9752	
B	**INCIDENT DATE:** 11/18/2007	**TIME OES WAS NOTIFIED:** | 1 | 4 | 5 | 0 | (24 HOUR TIME)	**OES CONTROL NUMBER** | 0 | 7 | 7 | 1 | 7 | 5 |
C	**INCIDENT LOCATION:** 8661 Elk Grove Blvd.	**CITY/COMMUNITY** Elk Grove	**COUNTY** Sacramento **ZIP** 95624
D	**CHEMICAL OR TRADE NAME:** Sewage		**CAS NUMBER:**
	CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A	**CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C 9603(a)**	
	PHYSICAL STATE CONTAINED: [ ] SOLID [X] LIQUID [ ] GAS	**PHYSICAL STATE RELEASED:** [ ] SOLID [X] LIQUID [ ] GAS	**QUANTITY RELEASED:** 8,488 gallons
	ENVIRONMENTAL CONTAMINATION: [ ] AIR [X] WATER [X] GROUND [ ] OTHER [X] DRAINAGE INLET	**TIME OF RELEASE:** 14:00	**DURATION OF RELEASE:** 10 Hours 02 minutes
E	**ACTIONS TAKEN:** CSD-1's Maintenance and Operations (M&O) supervisor arrived on site at 8:45 A.M and noticed three manholes overflowing inside the Emerald Vista parking lot. The supervisor found grease build-up in the CSD-1 manhole drop that is connected to the apartment complex sewer service. CSD-1 cleared the stoppage at 9:00 A.M and then began cleaning the parking lot. The sewer entered storm drains adjacent to the overflowing manholes and discharged directly into Elk Grove Creek. CSD-1 began collecting water samples to determine how far downstream the sewer had reached at 11:20 A.M. After receiving permission from the Dept. of Fish & Game, CSD-1 crews began sandbagging the creek at 2:29 P.M. Follow up field water sampling was completed on 11/20/2007 at 4:00 P.M. and preliminary test results indicated no presence of sewage in the water. CSD-1 crews completed site clean up and flushing of the storm drain system cleanup on 11/21/2007 at 3:17 P.M.		
F	**POSSIBLE HEALTH EFFECTS (EXPLAIN YOUR RESPONSE. ALSO COMPLETE SECTION H, COMMENTS)** [ ] ACUTE OR IMMEDIATE: [ ] CHRONIC OR DELAYED: [X] UNKNOWN		
G	**ADVICE REGARDING MEDICAL ATTENTION FOR EXPOSED INDIVIDUALS:** None		
H	**COMMENTS (INDICATE SECTION A THROUGH G AND ITEM):** An estimated 8,488 gallons of sewage overflowed from three private manholes, entered the storm drain system, and discharged into Elk Grove Creek. The overflow was contained in the creek and removed. The overflow was caused by grease in CSD-1's manhole drop. CSD-1 was not notified of the overflow until the next day.		
I	**CERTIFICATION: I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.** **REPORTING FACILITY REPRESENTATIVE:** **NAME:** Mike Huot **DATE:** December 7, 2007 **SIGNATURE:** [signature]		

Sewage System Overflows that Reached Separate Storm Sewer System Reported by San Jose from Nov 24, 2009 to Nov 24, 2014

DISTRIBUTION:

COPY: Certified Mail to:
Governor's Office of Emergency Services
ATTN: Section 304 Reports
3650 Shriever Ave
Mather, CA 95655

1 Copy – Division File M650.000
1 Copy – Christoph Dobson, Division Chief
1 Copy – Don Rojo, Area M & O Manager
Original – Mike Huot, SSO Reporting Head

EXHIBIT B

Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2012.12.11 07.28.00	2012.12.11 08.25.00	37.41965	-121.862942	789938
2012.12.12 08.00.00	2012.12.12 09.59.00	37.249106	-121.939753	789939
2012.12.13 07.15.00	2012.12.13 09.37.00	37.247753	-121.91135	789136
2012.12.18 13.16.00	2012.12.18 13.50.00	37.260797	-121.806903	789940
2012.12.21 09.25.00	2012.12.21 10.39.00	37.272811	-121.838611	789942
2012.12.28 12.45.00	2012.12.28 14.15.00	37.242517	-121.914028	789631
2013.01.05 16.15.00	2013.01.05 17.35.00	37.318661	-121.821033	791930
2013.01.07 12.45.00	2013.01.07 13.14.00	37.356319	-121.811508	791974
2013.01.09 23.00.00	2013.01.10 08.16.00	37.235022	-121.770569	791937
2013.01.11 12.00.00	2013.01.14 09.48.00	37.254083	-121.832783	790400
2013.01.12 15.00.00	2013.01.12 17.01.00	37.276011	-121.873389	791939
2013.01.16 07.31.00	2013.01.16 08.34.00	37.234408	-121.909428	791947
2013.01.16 20.30.00	2013.01.16 21.35.00	37.402403	-121.853731	791943
2013.01.19 07.00.00	2013.01.19 09.00.00	37.306853	-121.889839	791951
2013.01.21 10.04.00	2013.01.21 11.12.00	37.264325	-121.94055	791956
2013.01.22 14.00.00	2013.01.22 17.05.00	37.358431	-121.826833	791967
2013.01.24 09.11.00	2013.01.24 10.24.00	37.2332	-121.816553	791968
2013.01.25 06.40.00	2013.01.25 07.28.00	37.410131	-121.875372	791969
2013.01.25 14.00.00	2013.01.25 18.00.00	37.362214	-121.842114	791970
2013.01.27 16.10.00	2013.01.27 17.05.00	37.318711	-121.923831	791971
2013.01.30 15.52.00	2013.01.30 16.37.00	37.322494	-121.913858	791972
2013.01.31 09.58.00	2013.01.31 10.14.00	37.326567	-121.876222	791973
2013.02.01 13.41.00	2013.02.01 13.55.00	37.318014	-121.907572	792928
2013.02.02 16.00.00	2013.02.02 17.35.00	37.410175	-121.854089	791242
2013.02.05 10.01.00	2013.02.05 10.26.00	37.284556	-121.988431	792931
2013.02.08 07.30.00	2013.02.08 09.15.00	37.350556	-121.796944	791551
2013.02.11 09.05.00	2013.02.11 09.15.00	37.296333	-121.766175	792934

EXHIBIT B

Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 04 2014

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM

RECEIVED JAN 2

A	**BUSINESS NAME:** SACRAMENTO AREA SEWER DISTRICT	**FACILITY EMERGENCY CONTACT/PHONE NUMBER** Dave Meier / (916) 591-1355
B	**INCIDENT DATE:** 12/25/2008	**TIME OES WAS NOTIFIED:** 10:55 (24 HOUR TIME) — **OES CONTROL NUMBER** 08- | 4 | 1 |
C	**INCIDENT LOCATION:** 5100 Garfield Ave	**CITY/COMMUNITY** Unincorporated — **COUNTY** Sacramento — **ZIP** 95841
D	**CHEMICAL OR TRADE NAME:** Sewage	**CAS NUMBER:**
	CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A { }	**CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C 9603 (x)** { }
	PHYSICAL STATE CONTAINED: [ ] SOLID [X] LIQUID [ ] GAS	**PHYSICAL STATE RELEASED:** [ ] SOLID [X] LIQUID [ ] GAS — **QUANTITY RELEASED:** 8,945 gallons
	ENVIRONMENTAL CONTAMINATION: [ ] AIR [X] WATER [X] GROUND [ ] OTHER [ ] DRAINAGE INLET	**TIME OF RELEASE:** 17:41 on 12/25/2008 — **DURATION OF RELEASE:** 154 minutes

E **ACTIONS TAKEN:** On December 25, 2008, the District was notified of the broken pipe. The District supervisor located the break, plugged the upstream manhole, and called for management to mobilize personnel. The District SSO responder arrived, took samples in the field, and determined that the creek flow was too great to dam and recover. District crews found that although the upstream manhole was plugged, the overflow had not been completely stopped. Crew inserted a second plug into the end of the broken pipeline to completely stop the flow of sewage into the creek. District crews then set up temporary bypass pumping. Crew monitored the bypass pump and plug throughout the night.

A private contractor hired by the District made the repair to the mainline by the evening of 12/26/2008. District crews assisted by building a sandbag containment area so the plug could be removed and any sewage left in the mainline could be collected without contaminating Arcade Creek.

A television inspection of the line was performed on December 29, 2008. The CCTV video showed the pipeline and repair to be in good condition.

F **POSSIBLE HEALTH EFFECTS** (EXPLAIN YOUR RESPONSE. ALSO COMPLETE SECTION H, COMMENTS.)

[ ] ACUTE OR IMMEDIATE:
[ ] CHRONIC OR DELAYED:
[X] UNKNOWN

G **ADVICE REGARDING MEDICAL ATTENTION FOR EXPOSED INDIVIDUALS:** None

H **COMMENTS (INDICATE SECTION A THROUGH G AND ITEM):** On December 25, 2008, a sanitary sewer overflow occurred within the Sacramento Area Sewer District (District) service area. The overflow was the result of a failed support on an aerial pipeline. The failure was caused by an extraordinary loading condition resulting from an illegally dumped queen sized mattress ensnared around the pipeline in the creek flow. An estimated 8,945 gallons of sewage overflowed from the broken mainline, and flowed directly into Arcade Creek. The sewage could not be recovered because of the high flows in the creek. We estimated the stormwater flows to be approximately 20,000 gallons per minute.

I **CERTIFICATION: I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.**

REPORTING FACILITY REPRESENTATIVE:

NAME: Dave Meier **DATE:** January 21, 2009

SIGNATURE: [signature]

COPY: Certified Mail to:
Governor's Office of Emergency Services
ATTN: Section 304 Reports
3650 Shriever Ave
Mather, CA 95655

1 Copy – Division File M650.000
1 Copy – Christoph Dobson, Division Chief
1 Copy – John Hough, Area M & O Manager
Original – Dave Meier, SSO Reporting Head

Date/Time SSO Started	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID	Date/Time SSO Ended
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	791734	[illegible]
[illegible]	[illegible]	[illegible]	792935	[illegible]
[illegible]	[illegible]	[illegible]	792937	[illegible]
[illegible]	[illegible]	[illegible]	792213	[illegible]
[illegible]	[illegible]	[illegible]	792944	[illegible]
[illegible]	[illegible]	[illegible]	793613	[illegible]
[illegible]	[illegible]	[illegible]	792358	[illegible] 13.40.00
[illegible]	[illegible]	[illegible]	793619	[illegible] 11.37.00
[illegible]	[illegible]	[illegible]	792895	[illegible] 21.02.00
2013.03.22 [illegible]	[illegible]	[illegible]	793659	[illegible] 10.25.00
2013.03.22 [illegible]	[illegible]	[illegible]	793656	[illegible] 13.57.00
2013.03.22 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 15.39.00
2013.03.23 [illegible]	[illegible]	[illegible]	793660	[illegible] 12.40.00
2013.03.27 [illegible]	[illegible]	[illegible]	793661	[illegible] 20.26.00
2013.03.28 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 21.11.00
2013.03.29 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 12.30.00
2013.04.08 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 19.25.00
2013.04.10 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 20.00.00
2013.04.19 [illegible]	[illegible]	[illegible]	794350	[illegible] 12.40.00
2013.04.28 [illegible]	[illegible]	[illegible]	794499	[illegible] 20.35.00
2013.04.30 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 11.05.00
2013.05.03 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 21.24.00
2013.05.06 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 08.17.00
2013.05.24 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 13.32.00
2013.05.27 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 11.21.00
2013.06.02 [illegible]	[illegible]	[illegible]	[illegible]	[illegible] 19.45.00

EXHIBIT B

Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2013.06.03 14.00.00	2013.06.03 15.09.00	37.405542	-121.948167	797276
2013.06.05 09.15.00	2013.06.05 10.57.00	37.277008	-121.897681	797279
2013.06.18 09.01.00	2013.06.18 09.47.00	37.330133	-121.942833	795777
2013.06.28 08.49.00	2013.06.28 09.40.00	37.260283	-121.79735	796356
2013.07.04 11.00.00	2013.07.04 12.12.00	37.36875	-121.811636	796597
2013.07.10 17.45.00	2013.07.10 19.30.00	37.301392	-121.977158	798309
2013.07.22 17.00.00	2013.07.22 18.55.00	37.262808	-121.931328	798308
2013.08.08 12.11.00	2013.08.08 13.11.00	37.312586	-121.869994	799080
2013.08.15 16.30.00	2013.08.15 18.30.00	37.319642	-121.918889	799081
2013.08.27 11.30.00	2013.08.27 13.20.00	37.301325	-121.817853	798337
2013.09.16 12.00.00	2013.09.16 15.25.00	37.397767	-121.897289	800143
2013.09.22 15.40.00	2013.09.22 16.20.00	37.277975	-121.818394	800152
2013.09.25 10.00.00	2013.09.25 11.05.00	37.398942	-121.821694	800149
2013.10.07 13.00.00	2013.10.09 11.50.00	37.304844	-121.886669	800814
2013.10.14 10.00.00	2013.10.15 08.12.00	37.243889	-121.778511	800819
2013.10.17 08.00.00	2013.10.17 13.37.00	37.353633	-121.816419	800820
2013.10.19 08.00.00	2013.10.19 10.10.00	37.269894	-121.817667	800831
2013.10.19 10.00.00	2013.10.19 11.50.00	37.31495	-121.958786	800825
2013.10.24 23.00.00	2013.10.25 09.40.00	37.357489	-121.838453	800327
2013.10.28 08.30.00	2013.10.28 11.30.00	37.342772	-121.857478	800830
2013.11.07 20.00.00	2013.11.07 21.00.00	37.263125	-121.940033	801353
2013.11.12 10.15.00	2013.11.12 11.01.00	37.269144	-121.919311	801398
2013.11.15 10.30.00	2013.11.15 13.37.00	37.269669	-121.739661	800881
2013.11.15 14.40.00	2013.11.15 15.45.00	37.317706	-121.946981	801381
2013.11.21 20.30.00	2013.11.21 21.33.00	37.338883	-121.831581	801387
2013.11.26 11.00.00	2013.11.26 21.00.00	37.341303	-121.792936	801392
2013.12.05 09.00.00	2013.12.05 12.20.00	37.346906	-121.856558	802581

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM

A	**BUSINESS NAME:** SACRAMENTO COUNTY DEPARTMENT OF WATER QUALITY	**FACILITY EMERGENCY CONTACT/PHONE NUMBER** Mike Huot (916) 875-4297	
B	**INCIDENT DATE:** 12/29/2008	**TIME OES WAS NOTIFIED** 1 | 9 | 4 | 9 (24 HOUR TIME)	**OES CONTROL NUMBER** 0 | 7 | 8 | 0 | 0 | 2
C	**INCIDENT LOCATION:** 3977 Park Circle Lane	**CITY/COMMUNITY** Carmichael	**COUNTY** Sacramento **ZIP** 95608
D	**CHEMICAL OR TRADE NAME:** Sewage		**CAS NUMBER:**
	CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A [ ]	**CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C 9603 (a)** [ ]	
	PHYSICAL STATE CONTAINED: [ ] SOLID [X] LIQUID [ ] GAS	**PHYSICAL STATE RELEASED:** [ ] SOLID [X] LIQUID [ ] GAS	**QUANTITY RELEASED:** 200 Gallons
	ENVIRONMENTAL CONTAMINATION: [ ] AIR [ ] WATER [X] GROUND [x] OTHER [X] DRAINAGE INLET	**TIME OF RELEASE:** 16:47	**DURATION OF RELEASE:** 291 minutes
E	**ACTIONS TAKEN:** CSD-1 staff arrived on site at 17:55 and contacted the President and property manager of the Cottage Park Homeowners association, Bruce O'Rork. CSD-1 underground supervisor informed them of their responsibility to get a private plumber to break the stoppage. The property manager complied and called a private plumbing company. CSD-1 staff then called the on-call person with Sacramento County Environmental management Division (EMD) and informed EMD of the actions being taken. Sacramento County Department of Water Resources crews then built a sandbag dam 990 feet downstream in the drainage channel to contain the overflow. The plumbing contractor arrived on site and broke the stoppage at 21:38. CSD-1 staff stayed onsite through the night and monitored the water behind the dam. The following morning, a CSD-1 crew rinsed the parking lot and private storm drain. CSD-1 staff then introduced dechlorinated water upstream of the overflow entry point in the channel. A second CSD-1 crew removed the contaminated water and rinse water downstream at the sandbag dam. Crews rinsed the channel with 15,178 gallons of water and discharged all contaminated and rinse water into CSD-1's sewer system.		
F	**POSSIBLE HEALTH EFFECTS** (EXPLAIN YOUR RESPONSE. ALSO COMPLETE SECTION H, COMMENTS.) [ ] ACUTE OR IMMEDIATE: [ ] CHRONIC OR DELAYED: [X] UNKNOWN		
G	**ADVICE REGARDING MEDICAL ATTENTION FOR EXPOSED INDIVIDUALS:** None		
H	**COMMENTS** (INDICATE SECTION A THROUGH G AND ITEM): On December 29, 2008 a sanitary sewer overflow occurred in a private sewer system at a private home association in the CSD-1 service area. An estimated 200 gallons of sewage discharged from a private sewer maintenance hole and flowed into a private storm drain inlet that discharged into an unnamed drainage channel. The overflow was contained in the unnamed channel and removed. The overflow was caused by a roots stoppage in the private maintenance hole.		
I	**CERTIFICATION:** I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. **REPORTING FACILITY REPRESENTATIVE:** **NAME:** Mike Huot **DATE:** January 28, 2008 **SIGNATURE:** [signature] Dave ... for Mike Huot		

DISTRIBUTION:

COPY: Certified Mail to:
Governor's Office of Emergency Services
ATTN: Section 304 Reports
3650 Shriever Ave
Mather, CA 95655

1 Copy – Division File **M650.000**
1 Copy – Christoph Dobson, Division Chief
1 Copy – Gary Bailey, Area M & O Manager
Original – Mike Huot, SSO Reporting Head

EXHIBIT B

Sewage System Overflows that Reached San Jose Municipal Separate Storm Sewer System Reported by San Jose from Nov. 24, 2009 to Nov. 24, 2014

Date/Time SSO Started	Date/Time SSO Ended	Location (Latitude)	Location (Longitude)	CIWQS SSO Event ID
2014.04.29 21.00.00	2014.04.29 22.15.00	37.391197	-121.889261	805820
2014.05.05 08.47.00	2014.05.05 10.44.00	37.207446	-121.538283	806334
2014.05.07 08.45.00	2014.05.07 10.27.00	37.328297	-121.942156	806752
2014.05.11 10.01.00	2014.05.11 11.01.00	37.316944	-121.890747	806182
2014.05.20 14.34.00	2014.05.20 15.40.00	37.385997	-121.915794	806436
2014.05.27 08.15.00	2014.05.27 08.37.00	37.222647	-121.892894	806593
2014.05.30 12.00.00	2014.06.02 08.32.00	37.228086	-121.789283	806837
2014.06.13 12.00.00	2014.06.13 13.03.00	37.24655	-121.913964	807030
2014.06.13 12.35.00	2014.06.13 13.15.00	37.328272	-121.861578	807146
2014.06.29 13.49.00	2014.06.29 16.38.00	37.30814	-121.8654	807431
2014.07.01 16.20.00	2014.07.01 17.25.00	37.31257	-121.8401	807538
2014.07.03 07.30.00	2014.07.03 13.26.00	37.30648	-121.86363	807542
2014.07.05 14.30.00	2014.07.05 15.15.00	37.3288	-121.89343	807536
2014.07.18 17.00.00	2014.07.20 22.20.00	37.20761	-121.85968	807844
2014.07.23 17.00.00	2014.07.23 18.45.00	37.32613	-121.82025	808101
2014.07.30 10.00.00	2014.07.30 00.15.00	37.25468	-121.83894	808232
2014.08.09 09.50.00	2014.08.09 10.43.00	37.31135	-121.96527	808413
2014.08.16 17.00.00	2014.08.16 17.26.00	37.31861	-121.92345	808897
2014.08.17 07.30.00	2014.08.17 07.50.00	37.28075	-121.99124	808751
2014.09.12 20.00.00	2014.09.12 21.00.00	37.31238	-121.88099	809256
2014.09.29 13.00.00	2014.09.29 19.00.00	37.24738	-121.78788	809707
2014.10.02 15.10.00	2014.10.02 15.15.00	37.24844	-121.87388	809790
2014.10.03 08.47.00	2014.10.03 09.52.00	37.28014	-121.9316	809937
2014.10.07 20.30.00	2014.10.07 21.30.00	37.22083	-121.86532	809939
2014.10.11 08.45.00	2014.10.11 09.25.00	37.39419	-121.83255	809908
2014.10.21 07.55.00	2014.10.21 08.07.00	37.29805	-121.98719	810112

Exhibit C: Bacteria Monitoring Results

Table containing bacteria monitoring results from two (2) sampling events at two (2) locations: Guadalupe River at Coleman Avenue and Coyote Creek at Berryessa Road. Samples were taken end of pipe from a municipal storm drain and downstream in the receiving water. All samples exceed Basin Plan Water Quality Objectives for Bacteria as well as U.S. EPA Bacteriological Criteria for Water Contact Recreation.

Sampling Date	Location	Parameter		Value	Units
3/26/2014	Guadalupe R. @ Coleman Ave – receiving water	Enterococci	=	2,600	MPN/100 ml
3/26/2014	Guadalupe R. @ Coleman Ave – receiving water	Total coliforms	=	>16,000	MPN/100 ml
3/26/2014	Guadalupe R. @ Coleman Ave – receiving water	Fecal coliforms	=	3,500	MPN/100 ml
3/26/2014	Guadalupe R. @ Coleman Ave – end of pipe	Enterococci	=	6,900	MPN/100 ml
3/26/2014	Guadalupe R. @ Coleman Ave – end of pipe	Total coliforms	=	>16,000	MPN/100 ml
3/26/2014	Guadalupe R. @ Coleman Ave – end of pipe	Fecal coliforms	=	2,800	MPN/100 ml
3/26/2014	Coyote Creek @ Berryessa Rd. – receiving water	Enterococci	=	>24,000	MPN/100 ml
3/26/2014	Coyote Creek @ Berryessa Rd. – receiving water	Total coliforms	=	>16,000	MPN/100 ml
3/26/2014	Coyote Creek @ Berryessa Rd. – receiving water	Fecal coliforms	=	>16,000	MPN/100 ml
3/26/2014	Coyote Creek @ Berryessa Rd. – end of pipe	Enterococci	=	>24,000	MPN/100 ml
3/26/2014	Coyote Creek @ Berryessa Rd. – end of pipe	Total coliforms	=	>16,000	MPN/100 ml
3/26/2014	Coyote Creek @ Berryessa Rd. – end of pipe	Fecal coliforms	=	>16,000	MPN/100 ml
2/6/2014	Guadalupe R. @ Coleman Ave – receiving water	Enterococci	=	>2,400	MPN/100 ml
2/6/2014	Guadalupe R. @ Coleman Ave – receiving water	Total coliforms	=	>1,600	MPN/100 ml
2/6/2014	Guadalupe R. @ Coleman Ave – receiving water	Fecal coliforms	=	>1,600	MPN/100 ml
2/6/2014	Guadalupe R. @ Coleman Ave – end of pipe	Enterococci	=	>2,400	MPN/100 ml
2/6/2014	Guadalupe R. @ Coleman Ave – end of pipe	Total coliforms	=	>1,600	MPN/100 ml
2/6/2014	Guadalupe R. @ Coleman Ave – end of pipe	Fecal coliforms	=	170	MPN/100 ml
2/6/2014	Coyote Creek @ Berryessa Rd. – receiving water	Enterococci	=	>2,400	MPN/100 ml
2/6/2014	Coyote Creek @ Berryessa Rd. – receiving water	Total coliforms	=	>1,600	MPN/100 ml
2/6/2014	Coyote Creek @ Berryessa Rd. – receiving water	Fecal coliforms	=	>1,600	MPN/100 ml
2/6/2014	Coyote Creek @ Berryessa Rd. – receiving water	Enterococci	=	>2,400	MPN/100 ml

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM (19 CCR 2705)

A
BUSINESS NAME: *County of Sacramento Department of Water Quality - SRCSD*
FACILITY EMERGENCY CONTACT/PHONE NUMBER: SRWTP Plant Control Center / (916) 875-9400

B
INCIDENT DATE: 02/14/2008
TIME OES WAS NOTIFIED: 1645 hours
OES CONTROL NUMBER: 08-[illegible]

C
INCIDENT LOCATION: Walnut Grove WWTP - Whyse Lane, 2500' East of Walnut Grove
CITY/COMMUNITY: Walnut Grove, California
COUNTY ZIP: 95690

D
CHEMICAL OR TRADE NAME: Sewage/Wastewater
CAS NUMBER: N/A
CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A ☐
CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C 9603 (x) ☐
PHYSICAL STATE CONTAINED: ☐ SOLID ☒ LIQUID ☐ GAS
PHYSICAL STATE RELEASED: ☐ SOLID ☒ LIQUID ☐ GAS
QUANTITY RELEASED: n/a
ENVIRONMENTAL CONTAMINATION: ☐ AIR ☐ WATER ☒ GROUND ☐ OTHER ☒ DRAINAGE INLET
TIME OF RELEASE: 1135 hours
DURATION OF RELEASE: Approx. 5 hours

E
ACTIONS TAKEN: Treated wastewater effluent typically discharged to an agricultural drainage ditch which contributes to Snodgrass Slough. Upon receipt of presumptive high coliform results (>1600 MPN/100ml), staff stopped flow to drainage ditch, posted warning signs along ditch, collected additional samples upstream and downstream the ditch.

F
POSSIBLE HEATH EFFECTS (Explain Your Response. Also Complete Section H, COMMENTS)
☐ ACUTE OR IMMEDIATE:
☐ CHRONIC OR DELAYED:
☒ UNKNOWN: People do not come into contact with water in drainage ditch or Snodgrass Slough.

G
ADVICE REGARDING MEDICAL ATTENTION FOR EXPOSED INDIVIDUALS: To the best of our knowledge, the incident did not result in a situation where medical attention was required.

H
COMMENTS (Indicate Section A Through G and Item)

I
CERTIFICATION: *I certify under penalty of the law that I have personally examined and am familiar with the information submitted. I believe the submitted information is true, accurate, and complete*

REPORTING FACILITY REPRESENTATIVE (NAME): MIKE MULKERIN
SIGNATURE: [signature] DATE: 03/06/08

DISTRIBUTION: COPY - Certified Mail to:

Chemical Emergency Planning & Response Commission
Local Emergency Planning Committee
ATTN: Section 304 Reports
PO Box 419047
Audit Section
Rancho Cordova, CA 95741-9047

1 Copy – Mary Snyder
1 Copy – Stan Dean
1 Copy – Mike Mulkerin
1 Copy – Mike Brady
1 Copy – Mitch Maidrand
1 Copy – File

Sampling Date	Location	Parameter		Value	Units
2/6/2014	Coyote Creek @ Berryessa Rd. – receiving water	Total coliforms	=	>1,600	MPN/100 ml
2/6/2014	Coyote Creek @ Berryessa Rd. – receiving water	Fecal coliforms	=	>1,600	MPN/100 ml
2/6/2014	Coyote Creek @ Berryessa Rd. – end of pipe	Enterococci	=	>2,400	MPN/100 ml
2/6/2014	Coyote Creek @ Berryessa Rd. – end of pipe	Total coliforms	=	>1,600	MPN/100 ml
2/6/2014	Coyote Creek @ Berryessa Rd. – end of pipe	Fecal coliforms	=	>1,600	MPN/100 ml